



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20020006

Agency Interest No. 687

Robert Hicks
Director, Fossil Plant Operations
Entergy Services, LLC
Parkwood Two Bldg
10055 Grogans Mill Rd MU T-PKWD-4
The Woodlands, TX 77380

RE: Part 70 Operating Permit Modification, Little Gypsy Plant
Entergy Louisiana Inc, Montz, St. Charles Parish, Louisiana

Dear Mr. Hicks:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2012, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. Any interest number cited above should be referenced in future correspondence:

Done this _____ 2007.

Permit No.: 252

Sincerely,

Chuck Carr Brown Ph.D.

Assistant Secretary

CCB:dcd

c: EPA Region VI

ENVIRONMENTAL SERVICES

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**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LITTLE GYPSY PLANT
AGENCY INTEREST NO.: 687
ENTERGY LOUISIANA, INC.
MONTZ, ST. CHARLES PARISH, LOUISIANA**

I. Background

Little Gypsy Plant, an existing electric generation facility, began operation prior to 1962. The Little Gypsy Plant currently operates under Permit No. 2520-00009-V0, issued January 13, 1999.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Entergy Louisiana Inc on August 22, 2002, requesting a Part 70 operating permit and a Prevention of Significant Deterioration (PSD) permit. By letter dated November 3, 2003, Entergy Louisiana, Inc. withdrew their PSD permit request. A revised application that replaced the original application in its entirety was submitted on September 5, 2006, requesting a Part 70 operating permit and a Prevention of Significant Deterioration (PSD) permit. Additional information was received August 5, 2005, October 20, 2006, and December 12, 2006.

III. Description

The plant consists of three electric generating units. Unit 1 boiler burns natural gas as its primary fuel and no. 2 fuel oil as its secondary fuel. It has a maximum heat input of 2,292 MMBTU/hr for natural gas and 2,247 MMBTU/hr for fuel oil. Unit 1 exhausts out of two stacks, C1A and C1B; Unit 2 boiler burns natural gas as its primary fuel and no. 2 fuel oil as its secondary fuel. It has a maximum heat input of 4,550 MMBTU/hr for natural gas and 3,692 MMBTU/hr for fuel oil. Unit 2 exhausts out of two stacks, C2A and C2B. Unit 3 boiler burns natural gas as its primary fuel and no. 2 fuel oil as its secondary fuel. It has a maximum heat input of 5,578 MMBTU/hr for natural gas and 5,328 MMBTU/hr for fuel oil. Unit 3 exhausts out of one stack. There are two fuel oil storage tanks on site, T1 and T2. Fuel combustion is the primary source of air emissions from the facility.

The plant will also consist of two (2) circulating fluidized bed (CFB) boilers, represented in this permit as EQT 11 and EQT 12. In a CFB boiler, solid fuel and a sorbent (typically limestone) are jointly fed directly to the combustion chamber. Primary air is injected from the bottom of the combustion chamber to provide combustion air as well as to fluidize the burning bed. Fluidization of the bed allows for high heat transfer rates at relatively low combustion temperatures. Because of the turbulence and velocity in the circulating bed, the fuel mixes with the bed material quickly and uniformly. Secondary air is introduced at various levels to ensure solids circulation, provide staged combustion for NOx reduction as well as control of

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carbon monoxide (CO) and volatile organic compounds (VOCs), and supply air for continuous combustion in the upper part of the combustion chamber.

As fuel is added to the CFB boiler it is quickly heated above its ignition point, ignites and becomes part of the burning bed. The fuel particles are entrained within the bed until they are consumed or removed in either the gas stream or with the bed ash. Entrainment of the fuel particles in the gas stream occurs when their size is in the range where the terminal and gas velocities are equal. As the fuel particle size decreases to the point that the terminal velocity is exceeded by the gas velocity, the particles are blown from the bed, collected by a particle separator, and returned to the boiler. These boilers will be fueled with petroleum coke and coal. Each boiler will have a maximum heat input of 2,828 MM BTU/hr.

During Phase I of this project, the CFB Boilers (EQT 11 and EQT 12) and the supporting equipment will be constructed. Unit 1 Boiler, Unit 2 Boiler, and Unit 3 Boiler will be fully operational in accordance with terms and conditions of this permit.

Phase II of this project will begin on the date that the CFB Boilers (EQT 11 and EQT 12) achieve commercial operation. On this date, Unit 3 Boiler (EQT 7) will cease all operations. Unit 3 Boiler will then be decommissioned and dismantled. At no time will Unit 3 Boiler and the CFB Boilers be operated concurrently.

With this modification, Little Gypsy Plant proposes to:

- Construct and operate two CFB Boilers (EQT 11 and EQT 12)
- Construct and operate numerous associated fuel handling equipment
- Remove from the site Unit 3 Boiler (EQT 7) once the two CFB Boilers are constructed and begin commercial operation. Unit 3 Boiler will remain a permitted source at this facility until the two CFB Boilers begin commercial operation, at which time Unit 3 Boiler will not be operated concurrently with the two CFB Boilers.

Estimated emissions in tons per year are as follows:

The emissions shown in the following tables indicate the emissions associated with Phase I. Phase I encompasses the time between the date of issuance of this permit and the date that the CFB Boilers (EQT 11 and EQT 12) begin commercial operation. Phase I emissions increases and decreases are strictly due to use of updated emission factors. No physical changes or changes in the method of operation are associated with Phase I emissions increases or decreases.

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<u>Pollutant</u>	<u>Before</u>	<u>Phase I emissions</u>	<u>Change</u>
PM ₁₀	246.83	941.80	+ 694.97
SO ₂	11101.39	10973.02	- 128.37
NO _x	48138.13	33057.40	- 15080.73
CO	2289.86	4482.36	+ 2192.50
VOC	85.59	298.27	+ 212.68

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs): Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Phase I emissions	Pollutant	Phase I emissions
Benzene	0.112	1,1,1- Trichloroethane	0.036
1,4-Dichlorobenzene	0.065	Antimony (and compounds)	0.767
Ethylbenzene	0.010	Arsenic (and compounds)	0.200
Formaldehyde	7.250	Barium (and compounds)	0.500
n-Hexane	95.984	Beryllium (Table 51.1)	0.085
Naphthalene	0.193	Cadmium (and compounds)	0.095
Polynuclear Aromatic Hydrocarbons	0.713	Chromium VI (and compounds)	0.034
Toluene	1.056	Cobalt compounds	0.881
Xylenes	0.017	Copper (and compounds)	0.282
		Hydrochloric acid	52.045
		Hydrofluoric acid	5.441
		Lead compounds	0.235
		Manganese (and compounds)	0.448
		Mercury (and compounds)	0.070
		Nickel (and compounds)	12.361
		Selenium (and compounds)	0.317
		Zinc (and compounds)	5.071
Total	105.400		78.868

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Other VOC (TPY): 187.96

The emissions shown in the following tables indicate the emissions associated with Phase II. Phase II encompasses the time between the date that the CFB Boilers (EQT 11 and EQT 12) begin commercial operation and the date of issuance of the renewal of this permit.

<u>Pollutant</u>	<u>Phase I emissions</u>	<u>Phase II emissions</u>	<u>Change</u>
PM ₁₀	941.80	519.87	- 421.93
SO ₂	10973.02	4443.28	- 6529.74
NO _x	33057.40	18832.88	- 14224.52
CO	4482.36	4825.16	+ 342.80
VOC	298.27	277.45	- 20.82

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs): Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Phase II emissions	Pollutant	Phase II emissions
Benzene	0.986	1,1,1- Trichloroethane	0.044
Benzyl chloride	0.498	Ammonia	64.552
Biphenyl	0.002	Antimony (and compounds)	0.016
Bromoform	0.028	Arsenic (and compounds)	0.446
Carbon disulfide	0.092	Barium (and compounds)	1.869
Chlorinated dibenzo-p-dioxins	0.00006	Beryllium (Table 51.1)	0.070
Chlorinated dibenzofurans	0.0002	Cadmium (and compounds)	0.106
alpha-Chloroacetophenone	0.006	Chlorine	< 0.001
Chlorobenzene	0.016	Chromium VI (and compounds)	0.196
Chloroethane	0.030	Cobalt compounds	0.088
Chloroform	0.042	Copper (and compounds)	0.108
Cumene	0.004	Dichloromethane	0.206
1,2-Dibromoethane	< 0.001	Hydrochloric acid	170.382
Cyanide compounds	1.776	Hydrofluoric acid	19.670
1,4-Dichlorobenzene	0.036	Lead compounds	0.514

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<u>VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>	Phase II emissions	<u>Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>	Phase II emissions
1,2-Dichloroethane	0.028	Manganese (and compounds)	0.677
Dimethyl sulfate	0.034	Mercury (and compounds)	0.282
2,4-Dinitrotoluene	< 0.001	Nickel (and compounds)	0.345
Ethylbenzene	0.074	Selenium (and compounds)	2.212
Formaldehyde	5.050	Sulfuric acid	28.310
n-Hexane	52.932	Tetrachloroethylene	0.030
Isophorone	0.412	Zinc (and compounds)	0.869
Methyl Tertiary Butyl Ether	0.024		
Methyl bromide	0.114		
Methyl chloride	0.376		
Methyl ethyl ketone	0.278		
Methyl methacrylate	0.014		
Monomethyl hydrazine	0.120		
Naphthalene	0.170		
Phenol	0.012		
Polynuclear Aromatic Hydrocarbons	0.614		
Propionaldehyde	0.270		
Styrene	0.018		
Toluene	0.998		
Vinyl acetate	0.006		
Xylenes	0.040		
Total	65.008		290.992
<u>Other VOC (TPY):</u>		212.41	

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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, Prevention of Significant Deterioration (PSD), and New Source Performance Standards (NSPS). National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. However, electric utility steam generating units are exempt from the requirements of LAC 33:III.Chapter 51 per LAC 33:III.5105B.2.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2007; and in the <local paper>, <local town>, on <date>, 2007. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

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VII. Effects on Ambient Air

Dispersion Model(s) Used: AERMOD

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard (NAAQS))
PM ₁₀	24 hour average	73.55 µg/m ³	(150 µg/m ³)
SO ₂	3 hour average	631.9 µg/m ³	(1300 µg/m ³)
	24 hour average	161.4 µg/m ³	(365 µg/m ³)

VIII. General Condition XVII Activities

Work Activity	Schedule	Chromium VI	Emission Rates - tons			
			Copper	Magnesium	Nickel	Zinc
Boiler Cleaning	Once every 3 years	0.013	0.013	0.009	0.013	0.100

IX. Insignificant Activities

ID No.:	Description	Citation
-	Oil Storage Tank (660 gallons)	LAC 33:III.501.B.5.A.3
-	Oil Storage Tank (300 gallons)	LAC 33:III.501.B.5.A.3
-	Lube Oil Storage Tank (6,190 gallons)	LAC 33:III.501.B.5.A.3
-	Two (2) Lube Oil Storage Tanks (6,300 gallons each)	LAC 33:III.501.B.5.A.3
-	Lube Oil Storage Tank (7,000 gallons)	LAC 33:III.501.B.5.A.3

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ID No.:	Description	Citation
-	Lube Oil Storage Tank (8,745 gallons)	LAC 33:III.501.B.5.A.3
-	Lube Oil Storage Tank (6,500 gallons)	LAC 33:III.501.B.5.A.3
-	Two (2) Lube Oil Storage Tanks (1,000 gallons each)	LAC 33:III.501.B.5.A.3
-	Used Oil Storage Tank (2,000 gallons)	LAC 33:III.501.B.5.A.3
T21	Microwave Tower Generator Propane Tank, pressurized (333 gallons)	LAC 33:III.501.B.5.A.3
-	Three (3) Sodium Hydroxide Storage Tanks (1,000 gallons each)	LAC 33:III.501.B.5.A.3
-	Morpholine Storage Tank (250 gallons)	LAC 33:III.501.B.5.A.3
-	Nalco Storage Tank (500 gallons)	LAC 33:III.501.B.5.A.3
-	Two (2) Diesel Storage Tanks (300 gallons each)	LAC 33:III.501.B.5.A.3
-	Sand Silo	LAC 33:III.501.B.5.A.4
-	Lab Vent	LAC 33:III.501.B.5.A.6
-	Portable Diesel Storage Tank (500 gallons)	LAC 33:III.501.B.5.A.8
-	Process Vent Analyzers	LAC 33:III.501.B.5.A.9
C4	Natural Gas-Fired Auxiliary Boiler	LAC 33:II.501.B.5.B.32
C5	Unit 1 & 2 Emergency Diesel Generator	LAC 33:II.501.B.5.B.32
C6	Unit 1 & 2 Emergency Diesel Generator	LAC 33:II.501.B.5.B.32
C7	Microwave Tower Generator	LAC 33:II.501.B.5.B.32

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter															
		5	9	11	13	15	2103	2104*	21107	21113	21116*	2123	22	29*	51*	53	56
	Plant Wide	1	1	1	1					1				3	1		
EQT 3	C1A - Unit 1 Stack A			1	1	1											
EQT 4	C1B - Unit 1 Stack B				1	1	1										
EQT 5	C2A - Unit 2 Stack A					1	1	1									
EQT 6	C2B - Unit 2 Stack B						1	1	1								
EQT 7	C3 - Unit 3 Stack							1	1	1							
EQT 8	T1 - No. 2 Fuel Oil Storage Tank #1									3							
EQT 9	T2 - No. 2 Fuel Oil Storage Tank #2									3							
EQT 11	3A - CFB Boiler Unit 3A	1															
EQT 12	3B - CFB Boiler Unit 3B	1															
EQT 13	AC1 - Activated Carbon Silo #1	1															
EQT 14	AC2 - Activated Carbon Silo #2	1															
EQT 15	BA1A - Bed Ash Silos - Vacuum System #1	1															
EQT 16	BA1B - Bed Ash Silos - Vacuum System #2	1															
EQT 18	CT1 - Cooling Tower	1															
EQT 19	FA1A - Fly Ash Baghouse Vent - Silo 1	1															

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																
		5	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2123	22	29*	51*	53	56
EQT 20	BA1C – Bed Ash Silos – Bin Vent Filter System	1																
EQT 21	FA1B – Fly Ash Baghouse Vent – Silo 2	1																
EQT 22	LS1 – Lime Silo #1	1																
EQT 23	LS2 – Lime Silo #2	1																
FUG 1	BA2 – Bed Ash Unloading to Trucks via Telescoping Chute	1																
FUG 2	BA3A – Bed Ash Loading to Landfill Trucks via Telescoping Chute - #1	1																
FUG 3	BA3B – Bed Ash Loading to Landfill Trucks via Telescoping Chute	1																
FUG 4	BA4 – Bed Ash Unloading to Landfill	1																
FUG 5	FA2A – Fly Ash Loading to Trucks via Telescoping Chute - #1	1																
FUG 6	FA2B – Fly Ash Loading to Trucks via Telescoping Chute - #2	1																
FUG 7	FA3A – Fly Ash Loading to Landfill Trucks via Telescoping Chute - #1	1																
FUG 8	FA3B – Fly Ash Loading to Landfill Trucks via Telescoping Chute - #2	1																

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																
		5	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2123	22	29*	51*	53	56
FUG 9	FA4 – Fly Ash Unloading to Landfill	1		1														
FUG 10	FUG1 – Raw Material Handling Conveyors	1		1														
FUG 11	FUG2 – Petroleum Coke Pile Fugitives	1		1														
FUG 12	FUG3 – Coal Pile Fugitive Emissions	1		1														
FUG 13	FUG4 – Limestone Storage Pile Fugitive Emissions	1		1														
FUG 14	FUG5 – Fly Ash Pile Fugitive Emissions	1		1														
FUG 15	FUG6 – Haul Road Fugitive Dust Emissions	1		1														
FUG 17	TP1 – Transfer Point – Barge Unloader	1		1														
FUG 18	TP2 - Transfer Point –Unloading Hopper to Barge Unloading Conveyor	1		1														
FUG 19	TP3 - Transfer Point – Barge Unloading Conveyor to Unloading Transfer Conveyor	1		1														

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																
		5	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2123	22	29*	51*	53	56
FUG 20	TP4 - Transfer Point – Unloading Transfer Conveyor to the Storage Container	1																
FUG 21	TP5 - Transfer Point – Storage Conveyor to Stacker Conveyor	1																
FUG 22	TP6 - Transfer Point – Stack conveyor to Storage Piles	1																
FUG 23	TP7A - Transfer Point – Petroleum Coke Reclaim from Storage Piles	1																
FUG 24	TP7B – Transfer Point – Coal/Limestone Reclaim from Storage Piles	1																
FUG 25	TP8 - Transfer Point – Emergency Reclaim from Limestone Storage Piles	1																
FUG 26	TP9 – Coke Reclaim Transfer Tower – Dust Collection	1																
FUG 27	TP10 – Coal/Limestone Reclaim Transfer Tower – Dust Collection	1																
FUG 28	TP11 – Diverter Transfer Tower – Dust Suppression System	1																

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No:	Description	LAC 33:III.Chapter									
		5	9	11	13	15	2103	2104*	2107	2111	2113
FUG 29	TP12 – Crusher Tower – Dust Collection System	1		1							
FUG 30	TP13 – Transfer Point – Plant Conveyors to Tripper Deck	1			1						

*The regulations indicated above are State Only regulations.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR					
		K	Ka	Kb	D	Da	Y	000	A	J	V	A	DDDDD	64	72	73	75	77	78	1	1	1	1	1	1
	Plant Wide																								
EQT 3	C1A - Unit 1 Stack A																								
EQT 4	C1B - Unit 1 Stack B																								
EQT 5	C2A - Unit 2 Stack A																								
EQT 6	C2B - Unit 2 Stack B																								
EQT 7	C3 - Unit 3 Stack																								
EQT 8	T1 - No. 2 Fuel Oil Storage Tank #1																								
EQT 9	T2 - No. 2 Fuel Oil Storage Tank #2																								
EQT 11	3A - CFB Boiler Unit 3A																								
EQT 12	3B - CFB Boiler Unit 3B																								
EQT 13	AC1 - Activated Carbon Silo #1																								
EQT 14	AC2 - Activated Carbon Silo #2																								
EQT 15	BA1A - Bed Ash Silos - Vacuum System #1																								
EQT 16	BA1B - Bed Ash Silos - Vacuum System #2																								
EQT 18	CT1 - Cooling Tower																								

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR						
		K	Ka	Kb	D	Da	Y	OOO	A	J	V	A	DDDDD	64	72	73	75	77	78							
EQT 19	FA1A – Fly Ash Baghouse Vent – Silo 1																									
EQT 20	BA1C – Bed Ash Silos – Bin Vent Filter System																									
EQT 21	FA1B – Fly Ash Baghouse Vent – Silo 2																									
EQT 22	LS1 – Lime Silo #1																									
EQT 23	LS2 – Lime Silo #2																									
FUG 1	BA2 – Bed As Unloading to Trucks via Telescoping Chute																									
FUG 2	BA3A – Bed Ash Loading to Landfill Trucks via Telescoping Chute - #1																									
FUG 3	BA3B – Bed Ash Loading to Landfill Trucks via Telescoping Chute																									
FUG 4	BA4 – Bed Ash Unloading to Landfill																									
FUG 5	FA2A – Fly Ash Loading to Trucks via Telescoping Chute - #1																									
FUG 6	FA2B – Fly Ash Loading to Trucks via Telescoping Chute - #2																									

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

LITTLE GYPSY PLANT
 AGENCY INTEREST NO.: 687
 ENERGY LOUISIANA, INC.
 MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR					
		K	Ka	Kb	D	Da	Y	000	A	J	V	A	DDDDD	64	72	73	75	77	78						
FUG 7	FA3A – Fly Ash Loading to Landfill Trucks via Telescoping Chute - #1																								
FUG 8	FA3B – Fly Ash Loading to Landfill Trucks via Telescoping Chute - #2																								
FUG 9	FA4 – Fly Ash Unloading to Landfill																								
FUG 10	FUG1 – Raw Material Handling Conveyors																								
FUG 11	FUG2 – Petroleum Coke Pile Fugitives																								
FUG 12	FUG3 – Coal Pile Fugitive Emissions																								
FUG 13	FUG4 – Limestone Storage Pile Fugitive Emissions																								
FUG 14	FUG5 – Fly Ash Pile Fugitive Emissions																								
FUG 15	FUG6 – Haul Road Fugitive Dust Emissions																								
FUG 17	TP1 – Transfer Point – Barge Unloader																								
FUG 18	TP2 - Transfer Point –Unloading Hopper to Barge Unloading Conveyor																								

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

LITTLE GYPSY PLANT
 AGENCY INTEREST NO.: 687
 ENERGY LOUISIANA, INC.
 MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS				40 CFR 61				40 CFR 63 NESHAP				40 CFR				
		K	Ka	Kb	D	Da	Y	OOO	A	J	V	A	DDDDD	64	72	73	75	77
FUG 19	TP3 - Transfer Point – Barge Unloading Conveyor to Unloading Transfer Conveyor							1	1									
FUG 20	TP4 - Transfer Point – Unloading Transfer Conveyor to the Storage Container							1	1									
FUG 21	TP5 - Transfer Point – Storage Conveyor to Stack conveyor							1	1									
FUG 22	TP6 - Transfer Point – Stack conveyor to Storage Piles							1	1									
FUG 23	TP7A - Transfer Point – Petroleum Coke Reclaim from Storage Piles							1	1									
FUG 24	TP7B - Transfer Point – Coal/Limestone Reclaim from Storage Piles							1	1									
FUG 25	TP8 - Transfer Point – Emergency Reclaim from Limestone Storage Piles							1										
FUG 26	TP9 – Coke Reclaim Transfer Tower – Dust Collection																	
FUG 27	TP10 – Coal/Limestone Reclaim Transfer Tower – Dust Collection							1	1									

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**LITTLE GYPSY PLANT
AGENCY INTEREST NO.: 687
ENERGY LOUISIANA, INC.
MONTZ, ST. CHARLES PARISH, LOUISIANA**

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR						
		K	Ka	Kb	D	Da	Y	O0O	A	J	V	A	DDDDD	64	72	73	75	77	78							
FUG 28	TP11 – Diverter Transfer Tower – Dust Suppression System							1	1																	
FUG 29	TP12 – Crusher Tower – Dust Collection System								1	1																
FUG 30	TP13 – Transfer Point – Plant Conveyors to Tripper Deck									1	1															

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- 2 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 3 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- Blank – The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

LITTLE GYPSY PLANT
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 ENTERGY LOUISIANA, INC.
 MONTZ, ST. CHARLES PARISH, LOUISIANA

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Entire Facility	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.Chapter 51]	EXEMPT. Electric utility steam generating units are exempt from the requirements of LAC 33:III.Chapter 51.[LAC 33:III.5105.B.2]
EQTs 3-7	Standards of Performance for Fossil-Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971. [40 CFR 60, Subpart D]	DOES NOT APPLY. Boilers were constructed prior to August 17, 1971. [40 CFR 60.40(c)]
EQTs 3-7 & EQTs 11-12	National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters [40 CFR 63, Subpart DDDDD]	DOES NOT APPLY. Units are fossil-fuel fired electric utility steam generating units with a capacity greater than 25 megawatts that serves as a generator that produces electricity for sale. [40 CFR 63.7491(c)]
EQT 8 & EQT 9	Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Storage tanks store materials with a vapor pressure less than 1.5 psia. [LAC 33:III.2103.B]
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60, Subpart Kb]	EXEMPT. Storage tanks store materials with a vapor pressure less than 3.5 kPa. [40 CFR 60.110(b)]

The above table provides explanation for either the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

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- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

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4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
 1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
[Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate

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through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 - 5. changes in emissions would not qualify as a significant modification; and
 - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
 - 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

40 CFR PART 70 GENERAL CONDITIONS

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and

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6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated September 5, 2006, along with supplemental information dated October 20, 2006, and December 12, 2006.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December
 - D. Each report submitted in accordance with this condition shall contain the following information:
 - 1. Description of noncomplying emission(s);
 - 2. Cause of noncompliance;
 - 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 - 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 - 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.
- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 687 Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

Also Known As:	ID	Name	User Group	Start Date
	LAO4879	ADV#	Asbestos	01-23-2003
2520-00009		Entergy Louisiana LLC - Little Gypsy Generating Plant	CDS Number	08-04-1999
2520-0009		Entergy Louisiana LLC - Little Gypsy Generating Plant	Emission Inventory	03-03-2004
72-0245590		Federal Tax ID	Federal Tax ID	11-20-1999
LAD000757476		Entergy Louisiana LLC - Little Gypsy Generating Plant	Hazardous Waste Notification	08-18-1980
LA0003191		WPC File Number	LPDES Permit #	06-25-2003
LAR05M355		WPC File Number	LPDES Permit #	05-22-2003
WP0180		WPC State Permit Number	LWDPS Permit #	06-25-2003
		Entergy Louisiana LLC - Little Gypsy Generating Plant	Multimedia	12-31-2005
	GD-089-2735	Site ID #	Solid Waste Facility No.	11-21-1999
104170		Little Gypsy Plant Unit 3	TEMPO Merge	01-28-2003
106180		Entergy LA Inc - Little Gypsy Plant Unit 2	TEMPO Merge	01-29-2003
17398		LP&L Co - Little Gypsy Units 1, 2 & 3	TEMPO Merge	02-08-2001
22182		LP&L Co	TEMPO Merge	02-08-2001
31433		Entergy Louisiana Inc	TEMPO Merge	02-08-2001
39762		LP&L Co - Little Gypsy	TEMPO Merge	06-25-2001
41380		Entergy LA Inc	TEMPO Merge	06-25-2001
72801		Little Gypsy Generating Plant	TEMPO Merge	03-25-2003
45006036		UST Facility ID (from UST legacy data)	Underground Storage Tanks	10-12-2002
	17420 River Rd Montz, LA 700689008		Main FAX: Main Phone:	9856533447 9856533445
	17420 River Rd Montz, LA 700689008			
Mailing Address:				
Location of Front Gate:		30° 0' 13" 96 hundredths latitude, 90° 27' 43" 40 hundredths longitude, Coordinate Method: GPS Code (Pseudo Range) Differential, Coordinate Datum: NAD83		
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Robert Hicks	Parkwood Two Bldg The Woodlands, TX 77380		Responsible Official for
	Joe Messina	17420 River Rd Montz, LA 70068	9856533835 (WP)	Asbestos Contact for
	Joe Messina	17420 River Rd Montz, LA 70068	9856533835 (WP)	Haz. Waste Billing Party for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	Air Billing Party for
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (WP)	Air Billing Party for

General Information

AI ID: 687 Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	Owns
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (WP)	Owns
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	Operates
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (WP)	Operates
	Entergy Services Inc	Attn: Richard Labranche New Orleans, LA 70113		Solid Waste Billing Party for
SIC Codes:	4911, Electric services			

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
 Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT003	C1A - Unit 1 Stack A		244 MW	244 MW		8760 hr/yr (All Year)
EQT004	C1B - Unit 1 Stack B		244 MW	244 MW		8760 hr/yr (All Year)
EQT005	C2A - Unit 2 Stack A		436 MW	436 MW		8760 hr/yr (All Year)
EQT006	C2B - Unit 2 Stack B		436 MW	436 MW		8760 hr/yr (All Year)
EQT007	C3 - Unit 3 Stack		57.3 MW	57.3 MW		8760 hr/yr (All Year)
EQT008	T1 - Fuel Oil Storage Tank #1	2.02 million gallons			No. 2 Fuel Oil	8760 hr/yr (All Year)
EQT009	T2 - Fuel Oil Storage Tank #2	4.2 million gallons			No. 2 Fuel Oil	8760 hr/yr (All Year)
EQT011	3A - CFB Boiler/Unit 3A		2828 MM BTU/hr	2693 MM BTU/hr		8760 hr/yr (All Year)
EQT012	3B - CFB Boiler/Unit 3B		2828 MM BTU/hr	2693 MM BTU/hr		8760 hr/yr (All Year)
EQT013	AC1 - Activated Carbon Silo #1		25 tons/hr	25 tons/hr		365 hr/yr (All Year)
EQT014	AC2 - Activated Carbon Silo #2		25 tons/hr	25 tons/hr		365 hr/yr (All Year)
EQT015	BA1A - Bed Ash Silos - Vacuum System #1		56.76 tons/hr	56.76 tons/hr		8760 hr/yr (All Year)
EQT016	BA1B - Bed Ash Silos - Vacuum System #2		56.76 tons/hr	56.76 tons/hr		8760 hr/yr (All Year)
EQT018	CT1 - Cooling Tower		5000 gallons/min	5000 gallons/min		8760 hr/yr (All Year)
EQT019	FA1A - Fly Ash Baghouse Vent - Silo 1		78 tons/hr	78 tons/hr		8760 hr/yr (All Year)
EQT020	BA1C - Bed Ash Silos - Bin Vent Filter System		78.52 tons/hr	78.52 tons/hr		8760 hr/yr (All Year)
EQT021	FA1B - Fly Ash Baghouse Vent - Silo 2		78 tons/hr	78 tons/hr		8760 hr/yr (All Year)
EQT022	LS1 - Lime Silo #1		25 tons/hr	25 tons/hr		2000 hr/yr (All Year)
EQT023	LS2 - Lime Silo #2		25 tons/hr	25 tons/hr		2000 hr/yr (All Year)
EQT024	T3 - Aqueous Ammonia Storage Tank	300000 gallons			aqueous ammonia	8760 hr/yr (All Year)
EQT025	T4 - Aqueous Ammonia Storage Tank	300000 gallons			aqueous ammonia	8760 hr/yr (All Year)
FUG001	BA2 - Bed Ash Unloading to Trucks via Telescoping Chute		250 tons/hr	250 tons/hr		4000 hr/yr (All Year)
FUG002	BA3A - Bed Ash Loading to Landfill Trucks via Telescoping Chute - #1		250 tons/hr	250 tons/hr		2000 hr/yr (All Year)
FUG003	BA3B - Bed Ash Loading to Landfill Trucks via Telescoping Chute - #2		250 tons/hr	250 tons/hr		2000 hr/yr (All Year)
FUG004	BA4 - Bed Ash Unloading to Landfill		250 tons/hr	250 tons/hr		2000 hr/yr (All Year)
FUG005	FA2A - Fly Ash Loading to Trucks via Telescoping Chute - Silo 1		250 tons/hr	250 tons/hr		6000 hr/yr (All Year)
FUG006	FA2B - Fly Ash Loading to Trucks via Telescoping Chute - Silo 2		250 tons/hr	250 tons/hr		6000 hr/yr (All Year)
FUG007	FA3A - Fly Ash Loading to Landfill Trucks via Telescoping Chute - Silo 1		250 tons/hr	250 tons/hr		6000 hr/yr (All Year)
FUG008	FA3B - Fly Ash Loading to Landfill Trucks via Telescoping Chute - Silo 2		250 tons/hr	250 tons/hr		6000 hr/yr (All Year)
FUG009	FA4 - Fly Ash Unloading to Landfill		1000 tons/hr	1000 tons/hr		1367 hr/yr (All Year)
FUG010	FUG1 - Raw Material Handling Conveyors					8760 hr/yr (All Year)
FUG011	FUG2 - Petroleum Coke Pile Fugitive Emissions		203000 tons/yr	203000 tons/yr		8760 hr/yr (All Year)
FUG012	FUG3 - Coal Pile Fugitive Emissions		60000 tons/yr	60000 tons/yr		8760 hr/yr (All Year)
FUG013	FUG4 - Limestone Storage Pile Fugitive Emissions		96000 tons/yr	96000 tons/yr		832 hr/yr (All Year)

INVENTORIES

All ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
FUG014	FUG5 - Fly Ash Pile Fugitive Emissions		3.31 MM tons/yr			8760 hr/yr (All Year)
FUG015	FUG6 - Haul Road Fugitive Dust Emissions					8760 hr/yr (All Year)
FUG017	TP1 - Transfer Point - Barge Unloader					800 hr/yr (All Year)
FUG018	TP2 - Transfer Point - Unloading Hopper to Barge Unloading Conveyor					800 hr/yr (All Year)
FUG019	TP3 - Transfer Point - Barge Unloading Conveyor to Unloading Transfer Conveyor					800 hr/yr (All Year)
FUG020	TP4 - Transfer Point - Unloading Transfer Conveyor to the Storage Container					800 hr/yr (All Year)
FUG021	TP5 - Transfer Point - Storage Conveyor to Stackar Conveyor					800 hr/yr (All Year)
FUG022	TP6 - Transfer Point - Stackar Conveyor to Storage Piles					800 hr/yr (All Year)
FUG023	TP7A - Transfer Point - Petroleum Coke Reclaim from Storage Piles					3200 hr/yr (All Year)
FUG024	TP7B - Transfer Point - Coal/Limestone Reclaim from Storage Piles					4300 hr/yr (All Year)
FUG025	TP8 - Transfer Point - Emergency Reclaim from Limestone Storage Pile					2100 hr/yr (All Year)
FUG026	TP9 - Coke Reclaim Transfer Tower - Dust Collection					3200 hr/yr (All Year)
FUG027	TP10 - Coal/Limestone Reclaim Transfer Tower - Dust Collection					4300 hr/yr (All Year)
FUG028	TP11 - Diverter Transfer Tower - Dust Supression System					4300 hr/yr (All Year)
FUG029	TP12 - Crusher Tower - Dust Collection System					4300 hr/yr (All Year)
FUG030	TP13 - Transfer Point - Plant Conveyors to Tripper Deck					4300 hr/yr (All Year)

Subject Item Groups:

ID	Description	Included Components (from Above)
GRPP008	Little Gypsy Electric Generating Plant	EQT3 C1A - Unit 1 Stack A
GRPP008	Little Gypsy Electric Generating Plant	EQT4 C1B - Unit 1 Stack B
GRPP008	Little Gypsy Electric Generating Plant	EQT5 C2A - Unit 2 Stack A
GRPP008	Little Gypsy Electric Generating Plant	EQT6 C2B - Unit 2 Stack B
GRPP008	Little Gypsy Electric Generating Plant	EQT7 C3 - Unit 3 Stack
GRPP008	Little Gypsy Electric Generating Plant	EQT8 T1 - Fuel Oil Storage Tank #1
GRPP008	Little Gypsy Electric Generating Plant	EQT9 T2 -Fuel Oil Storage Tank #2
GRPP008	Little Gypsy Electric Generating Plant	EQT11 3A - CFB Boiler Unit 3A
GRPP008	Little Gypsy Electric Generating Plant	EQT12 3B - CFB Boiler Unit 3B
GRPP008	Little Gypsy Electric Generating Plant	EQT13 AC1 - Activated Carbon Silo #1
GRPP008	Little Gypsy Electric Generating Plant	EQT14 AC2 - Activated Carbon Silo #2
GRPP008	Little Gypsy Electric Generating Plant	EQT15 BA1A - Bed Ash Silos - Vacuum System #1
GRPP008	Little Gypsy Electric Generating Plant	EQT16 BA1B - Bed Ash Silos - Vacuum System #2
GRPP008	Little Gypsy Electric Generating Plant	EQT18 CT1 - Cooling Tower

INVENTORIES

All ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP008	Little Gypsy Electric Generating Plant	EQT19 FA1A - Fly Ash Baghouse Vent - Silo 1
GRP008	Little Gypsy Electric Generating Plant	EQT20 BA1C - Bed Ash Silos - Bin Vent Filter System
GRP008	Little Gypsy Electric Generating Plant	EQT21 FA1B - Fly Ash Baghouse Vent - Silo 2
GRP008	Little Gypsy Electric Generating Plant	EQT22 LS1 - Lime Silo #1
GRP008	Little Gypsy Electric Generating Plant	EQT23 LS2 - Lime Silo #2
GRP008	Little Gypsy Electric Generating Plant	EQT24 T3 - Aqueous Ammonia Storage Tank
GRP008	Little Gypsy Electric Generating Plant	EQT25 T4 - Aqueous Ammonia Storage Tank
GRP008	Little Gypsy Electric Generating Plant	FUG1 BA2 - Bed Ash Unloading to Trucks via Telescoping Chute
GRP008	Little Gypsy Electric Generating Plant	FUG2 BA3A - Bed Ash Loading to Landfill Trucks via Telescoping Chute - #1
GRP008	Little Gypsy Electric Generating Plant	FUG3 BA3B - Bed Ash Loading to Landfill Trucks via Telescoping Chute - #2
GRP008	Little Gypsy Electric Generating Plant	FUG4 BA4 - Bed Ash Unloading to Landfill
GRP008	Little Gypsy Electric Generating Plant	FUG5 FA2A - Fly Ash Loading to Trucks via Telescoping Chute - Silo 1
GRP008	Little Gypsy Electric Generating Plant	FUG6 FA2B - Fly Ash Loading to Trucks via Telescoping Chute - Silo 2
GRP008	Little Gypsy Electric Generating Plant	FUG7 FA3A - Fly Ash Loading to Landfill Trucks via Telescoping Chute - Silo 1
GRP008	Little Gypsy Electric Generating Plant	FUG8 FA3B - Fly Ash Loading to Landfill Trucks via Telescoping Chute - Silo 2
GRP008	Little Gypsy Electric Generating Plant	FUG9 FA4 - Fly Ash Unloading to Landfill
GRP008	Little Gypsy Electric Generating Plant	FUG10 FUG1 - Raw Material Handling Conveyors
GRP008	Little Gypsy Electric Generating Plant	FUG11 FUG2 - Petroleum Coke Pile Fugitive Emissions
GRP008	Little Gypsy Electric Generating Plant	FUG12 FUG3 - Coal Pile Fugitive Emissions
GRP008	Little Gypsy Electric Generating Plant	FUG13 FUG4 - Limestone Storage Pile Fugitive Emissions
GRP008	Little Gypsy Electric Generating Plant	FUG14 FUG5 - Fly Ash File Fugitive Emissions
GRP008	Little Gypsy Electric Generating Plant	FUG15 FUG6 - Haul Road Fugitive Dust Emissions
GRP008	Little Gypsy Electric Generating Plant	FUG17 TP1 - Transfer Point - Barge Unloader
GRP008	Little Gypsy Electric Generating Plant	FUG18 TP2 - Transfer Point - Unloading Hopper to Barge Unloading Conveyor
GRP008	Little Gypsy Electric Generating Plant	FUG19 TP3 - Transfer Point - Barge Unloading Conveyor to Unloading Transfer Conveyor
GRP008	Little Gypsy Electric Generating Plant	FUG20 TP4 - Transfer Point - Unloading Transfer Conveyor to the Storage Container
GRP008	Little Gypsy Electric Generating Plant	FUG21 TP5 - Transfer Point - Storage Conveyor to Stackar Conveyor
GRP008	Little Gypsy Electric Generating Plant	FUG22 TP6 - Transfer Point - Stackar Conveyor to Storage Files
GRP008	Little Gypsy Electric Generating Plant	FUG23 TP7A - Transfer Point - Petroleum Coke Reclaim from Storage Piles
GRP008	Little Gypsy Electric Generating Plant	FUG24 TP7B - Transfer Point - Coal/Limestone Reclaim from Storage Piles
GRP008	Little Gypsy Electric Generating Plant	FUG25 TP8 - Transfer Point - Emergency Reclaim from Limestone Storage Pile
GRP008	Little Gypsy Electric Generating Plant	FUG26 TP9 - Coke Reclaim Transfer Tower - Dust Collection
GRP008	Little Gypsy Electric Generating Plant	FUG27 TP10 - Coal/Limestone Reclaim Transfer Tower - Dust Collection
GRP008	Little Gypsy Electric Generating Plant	FUG28 TP11 - Diverter Transfer Tower - Dust Suppression System
GRP008	Little Gypsy Electric Generating Plant	FUG29 TP12 - Crusher Tower - Dust Collection System
GRP008	Little Gypsy Electric Generating Plant	FUG30 TP13 - Transfer Point - Plant Conveyors to Tripper Deck
GRP009	Acid Rain Requirements	EQT3 C1A - Unit 1 Stack A

INVENTORIES

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020016
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

Subject Item Groups:

Subject Item Groups:		Description	Included Components (from Above)
ID	Subject Item Group	Description	
GRP009	Acid Rain Requirements		EQT4 C1B - Unit 1 Stack B
GRP009	Acid Rain Requirements		EQT5 C2A - Unit 2 Stack A
GRP009	Acid Rain Requirements		EQT6 C2B - Unit 2 Stack B
GRP009	Acid Rain Requirements		EQT7 C3 - Unit 3 Stack
GRP019	Unit 3A - Startup/Shutdown Scenario		EQT11 3A - CFB Boiler Unit 3A
GRP020	Unit 3A - Normal Operations		EQT11 3A - CFB Boiler Unit 3A
GRP021	Unit 3B - Startup/Shutdown Scenario		EQT12 3B - CFB Boiler Unit 3B
GRP022	Unit 3B - Normal Operations		EQT12 3B - CFB Boiler Unit 3B
GRP023	Unit 1 Stack A - Normal Operations		EQT3 C1A - Unit 1 Stack A
GRP025	Unit 1 Stack B - Normal Operations		EQT4 C1B - Unit 1 Stack B
GRP027	Unit 2 Stack A - Normal Operations		EQT5 C2A - Unit 2 Stack A
GRP029	Unit 2 Stack B - Normal Operations		EQT6 C2B - Unit 2 Stack B
GRP031	Unit 3 - Normal Operations		EQT7 C3 - Unit 3 Stack
GRP032	Lime & Carbon Silos Common Requirements		EQT13 AC1 - Activated Carbon Silo #1
GRP032	Lime & Carbon Silos Common Requirements		EQT14 AC2 - Activated Carbon Silo #2
GRP032	Lime & Carbon Silos Common Requirements		EQT22 LS1 - Lime Silo #1
GRP032	Lime & Carbon Silos Common Requirements		EQT23 LS2 - Lime Silo #2
GRP033	Ash Silos Common Requirements		EQT15 BA1A - Bed Ash Silos - Vacuum System #1
GRP033	Ash Silos Common Requirements		EQT16 BA1B - Bed Ash Silos - Vacuum System #2
GRP033	Ash Silos Common Requirements		EQT19 FA1A - Fly Ash Baghouse Vent - Silo 1
GRP033	Ash Silos Common Requirements		EQT20 BA1C - Bed Ash Silos - Bin Vent Filter System
GRP033	Ash Silos Common Requirements		EQT21 FA1B - Fly Ash Baghouse Vent - Silo 2
GRP034	Ash Loading Common Requirements		FUG1 BA2 - Bed Ash Unloading to Trucks via Telescoping Chute
GRP034	Ash Loading Common Requirements		FUG2 BA3A - Bed Ash Loading to Landfill Trucks via Telescoping Chute - #1
GRP034	Ash Loading Common Requirements		FUG3 BA3B - Bed Ash Loading to Landfill Trucks via Telescoping Chute - #2
GRP034	Ash Loading Common Requirements		FUG5 FA2A - Fly Ash Loading to Trucks via Telescoping Chute - Silo 1
GRP034	Ash Loading Common Requirements		FUG6 FA2B - Fly Ash Loading to Trucks via Telescoping Chute - Silo 2
GRP034	Ash Loading Common Requirements		FUG7 FA3A - Fly Ash Loading to Landfill Trucks via Telescoping Chute - Silo 1
GRP034	Ash Loading Common Requirements		FUG8 FA3B - Fly Ash Loading to Landfill Trucks via Telescoping Chute - Silo 2
GRP035	Storage Pile Common Requirements		FUG11 FUG2 - Petroleum Coke Pile Fugitive Emissions
GRP035	Storage Pile Common Requirements		FUG12 FUG3 - Coal Pile Fugitive Emissions
GRP035	Storage Pile Common Requirements		FUG13 FUG4 - Limestone Storage Pile Fugitive Emissions
GRP035	Storage Pile Common Requirements		FUG14 FUG5 - Fly Ash Pile Fugitive Emissions

Relationships:

INVENTORIES

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Stack Information:

ID		Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
EQT003	C1A - Unit 1 Stack A	62.7	325800	10.5		162	250
EQT004	C1B - Unit 1 Stack B	62.7	325800	10.5		162	250
EQT005	C2A - Unit 2 Stack A	76.9	612500	13		182	261
EQT006	C2B - Unit 2 Stack B	76.9	612500	13		182	261
EQT007	C3 - Unit 3 Stack	59		23		172	282
EQT011	3A - CFB Boiler Unit 3A	28.68	811200	24.5		500	175
EQT012	3B - CFB Boiler Unit 3B	28.68	811200	24.5		500	175
EQT013	AC1 - Activated Carbon Silo #1			.65		25	
EQT014	AC2 - Activated Carbon Silo #2			.65		25	
EQT015	BA1A - Bed Ash Silos - Vacuum System #1			1.35		110	
EQT016	BA1B - Bed Ash Silos - Vacuum System #2			1.35		110	
EQT018	CT1 - Cooling Tower	26.94	248800	14		30	55
EQT019	FA1A - Fly Ash Baghouse Vent - Silo 1			1.9		110	
EQT020	BA1C - Bed Ash Silos - Bin Vent Filter System			1.5		110	
EQT021	FA1B - Fly Ash Baghouse Vent - Silo 2			1.9		110	
EQT022	LS1 - Lime Silo #1			.65		23	
EQT023	LS2 - Lime Silo #2			.65		23	

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
GRPP008	1253	MW	1420 - C) Electric Power Gen. (Natural Gas Fired) (Rated Capacity)

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase I

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A		57.20			385.06			3261.70			413.60				27.10
EQT 004 C1B		57.20			385.06			3261.70			413.60				27.10
EQT 005 C2A		276.00			4190.00			5329.00			821.08				53.73
EQT 006 C2B		276.00			4190.00			5329.00			821.08				53.73
EQT 007 C3		275.40			1822.90			15876.00			2013.00				131.70
EQT 008 T1															
EQT 009 T2															
GRP 023 C1A - NO	38.40	57.20	87.91	582.25	385.06	744.70	744.70	3261.70	94.43	211.28	413.60	6.19	6.23	27.10	
GRP 025 C1B - NO	38.40	57.20	87.91	582.25	385.06	744.70	744.70	3261.70	94.43	211.28	413.60	6.19	6.23	27.10	
GRP 027 C2A - NO	63.10	276.00	957.00	957.00	4190.00	1217.00	1217.00	5329.00	187.46	211.00	821.08	12.27	12.27	53.73	
GRP 029 C2B - NO	63.10	63.10	276.00	957.00	4190.00	1217.00	1217.00	5329.00	187.46	211.00	821.08	12.27	12.27	53.73	
GRP 031 C3 - NO	62.90	182.10	275.40	416.20	2755.90	1822.90	3624.60	3624.60	459.60	459.60	2013.00	30.10	30.10	131.70	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 941.80 tons/yr
 SO2: 10973.02 tons/yr
 NOx: 33057.40 tons/yr
 CO: 4482.36 tons/yr
 VOC: 298.27 tons/yr

Emission rates Notes:

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A			37.64			40.77			3261.70			413.60			27.10
EQT 004 C1B			37.64			40.77			3261.70			413.60			27.10
EQT 005 C2A			74.73			419.02			5329.00			821.08			53.73
EQT 006 C2B			74.73			419.02			5329.00			821.08			53.73
EQT 008 T1													0.36	0.36	1.59
EQT 009 T2													0.76	0.76	3.32
EQT 011 3A			129.76			1761.85							1177.90		
EQT 012 3B			129.76			1761.85							1177.90		
EQT 013 AC1	0.01	0.12	0.02												55.44
EQT 014 AC2	0.01	0.12	0.02												55.44
EQT 015 BATA	0.001	0.001	0.003												
EQT 016 BABA	0.001	0.001	0.003												
EQT 018 CT1	0.03	0.05	0.13												
EQT 019 FATA	0.38	0.38	1.67												
EQT 020 BAC	0.001	0.001	0.004												
EQT 021 FAB	0.38	0.38	1.67												
EQT 022 LS1	0.28	0.28	0.28												
EQT 023 LS2	0.28	0.28	0.28												

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 001 BA2	0.35	3.49	0.71												
FUG 002 BA3A	0.01	0.01	0.01												
FUG 003 BA3B	0.01	0.01	0.01												
FUG 004 BA4	0.11	1.05	0.11												
FUG 005 FA2A	0.35	3.49	1.06												
FUG 006 FA2B	0.35	3.49	1.06												
FUG 007 FA3A	0.01	0.11	0.03												
FUG 008 FA3B	0.01	0.11	0.03												
FUG 009 FA4	0.21	2.11	0.15												
FUG 010 FUG1	0.55	37.42	2.42												
FUG 011 FUG2	0.49	187.47	2.16												
FUG 012 FUG3	0.47	129.41	2.04												
FUG 013 FUG4	0.42	170.58	1.82												
FUG 014 FUG5	0.05	25.11	0.22												
FUG 015 FUG6	3.93	4.07	17.20												
FUG 017 TP1	0.15	1.65	0.08												
FUG 018 TP2	0.15	1.65	0.08												
FUG 019 TP3	0.15	1.65	0.08												

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 020 TP4	0.09	0.82	0.05												
FUG 021 TP5	0.33	4.11	0.18												
FUG 022 TP6	0.33	4.11	0.18												
FUG 023 TP7A	0.14	1.38	0.22												
FUG 024 TP7B	0.31	6.37	0.99												
FUG 025 TP8	0.15	0.15	0.16												
FUG 026 TP9	0.004	0.004	0.01												
FUG 027 TP10	0.003	0.004	0.01												
FUG 028 TP11	0.01	0.01	0.02												
FUG 029 TP12	0.12	0.14	0.38												
FUG 030 TP13	0.02	0.02	0.06												
GRP 019			2279.12							403.98					
GRP 020	28.63	31.11	129.76	403.98	424.18	1769.40	188.50	318.13	825.74	269.32	282.79	1179.60	12.66	14.14	55.44
GRP 021			2279.12									403.98			
GRP 022	28.63	31.11	129.76	403.98	424.18	1769.40	188.50	318.13	825.74	269.32	282.79	1179.60	12.66	14.14	55.44
GRP 023 C1A - NO	8.60	8.60	37.64	9.31	58.23	40.77	744.70	744.70	3261.70	94.43	211.28	413.60	6.19	6.23	27.10
GRP 025 C1B - NO	8.60	8.60	37.64	9.31	58.23	40.77	744.70	744.70	3261.70	94.43	211.28	413.60	6.19	6.23	27.10
GRP 027 C2A - NO	17.06	17.06	74.73	95.67	95.67	419.00	1217.00	1217.00	5329.00	187.46	211.00	821.08	12.27	12.27	53.73

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Phase II

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
GRP 029	17.06	17.06	74.73	95.67	95.67	419.00	1217.00	1217.00	5329.00	187.46	211.00	821.08	12.27	12.27	53.73
CBr - NO															

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals**Permit Phase Totals:**

PM10: 519.87 tons/yr

SO2: 4443.28 tons/yr

NOx: 18832.88 tons/yr

CO: 4825.16 tons/yr

VOC: 277.45 tons/yr

Emission rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER200200006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Phase I

Subject Item	Avg lb/hr	Max lb/hr	Tons/hr	1,1,1-Trichloroethane			1,4-Dichlorobenzene			Antimony (and compounds)			Arsenic (and compounds)			Barium (and compounds)		
				Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A			0.001			0.006			0.027			0.008			0.031			0.031
EQT 004 C1B			0.001			0.006			0.027			0.008			0.031			0.031
EQT 005 C2A			0.014			0.012			0.293			0.074			0.143			0.143
EQT 006 C2B			0.014			0.012			0.293			0.074			0.143			0.143
EQT 007 C3			0.006			0.029			0.127			0.036			0.152			0.152
GRP 023 C1A - NO	< 0.001	0.002	0.001	0.001	0.001	0.006	0.006	0.041	0.027	0.002	0.010	0.008	0.007	0.020	0.031			0.031
GRP 025 C1B - NO	< 0.001	0.002	0.001	0.001	0.001	0.006	0.006	0.041	0.027	0.002	0.010	0.008	0.007	0.020	0.031			0.031
GRP 027 C2A - NO	0.003	0.003	0.014	0.003	0.003	0.012	0.067	0.067	0.293	0.017	0.017	0.074	0.033	0.033	0.143			0.143
GRP 029 C2B - NO	0.003	0.003	0.014	0.003	0.003	0.012	0.067	0.067	0.293	0.017	0.017	0.074	0.033	0.033	0.143			0.143
GRP 031 C3 - NO	0.001	0.009	0.006	0.007	0.007	0.029	0.029	0.193	0.127	0.008	0.048	0.036	0.035	0.094	0.152			0.152

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
 Permit Number: 2520-000009-V1
 Air - Title V Regular Permit Major Mod

Phase I

Benzene			Beryllium (Table 51.1)			Cadmium (and compounds)			Chromium VI (and compounds)			Cobalt compounds			
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 c1A			0.010			0.002			0.007			0.003			0.031
EQT 004 c1B		0.010			0.002			0.007			0.003			0.031	
EQT 005 c2A	0.021			0.024			0.024			0.007			0.336		
EQT 006 c2B	0.021			0.024			0.024			0.007			0.336		
EQT 007 c3	0.050			0.033			0.033			0.014			0.147		
GRP 023 c1A - NO	0.002	0.010	0.001	0.003	0.002	0.002	0.003	0.007	0.001	0.002	0.003	0.007	0.047	0.031	
GRP 025 c1B - NO	0.002	0.002	0.010	0.001	0.003	0.002	0.002	0.003	0.007	0.001	0.002	0.003	0.007	0.047	0.031
GRP 027 c2A - NO	0.005	0.021	0.006	0.006	0.024	0.006	0.006	0.024	0.003	0.003	0.014	0.077	0.077	0.336	
GRP 029 c2B - NO	0.005	0.005	0.021	0.006	0.006	0.024	0.006	0.024	0.003	0.003	0.014	0.077	0.077	0.336	
GRP 031 c3 - NO	0.011	0.050	0.002	0.016	0.033	0.008	0.016	0.033	0.003	0.009	0.014	0.034	0.221	0.147	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase I

Subject Item	Copper (and compounds)			Ethyl benzene			Formaldehyde			Hydrochloric acid			Hydrofluoric acid		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A	0.013		0.013	<	0.001				0.492			1.816			0.190
EQT 004 C1B	0.013		0.013	<	0.001				0.492			1.816			0.190
EQT 005 C2A	0.098		0.098			0.004			1.948			19.900			2.080
EQT 006 C2B	0.098		0.098			0.004			1.948			19.900			2.080
EQT 007 C3	0.060		0.060			0.002			2.370			8.613			0.901
GRP 023 C1A - NO	0.014	0.013	< 0.001	0.001	< 0.001	0.112	0.271	0.492	0.415	2.764	1.816	0.043	0.289	0.289	0.190
GRP 025 C1B - NO	0.014	0.013	< 0.001	0.001	< 0.001	0.112	0.271	0.492	0.415	2.764	1.816	0.043	0.289	0.289	0.190
GRP 027 C2A - NO	0.022	0.022	0.098	0.001	0.001	0.004	0.445	0.445	1.948	4.542	4.542	19.900	0.475	0.475	2.080
GRP 029 C2B - NO	0.022	0.022	0.098	0.001	0.001	0.004	0.445	0.445	1.948	4.542	4.542	19.900	0.475	0.475	2.080
GRP 031 C3 - NO	0.014	0.065	0.060	< 0.001	0.002	0.002	0.541	1.283	2.370	1.966	13.109	8.613	0.206	1.371	0.901

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER2002006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Phase I

Lead compounds		Manganese (and compounds)		Mercury (and compounds)		Naphthalene		Nickel (and compounds)	
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A			0.010			0.017			0.003
EQT 004 C1B			0.010			0.017			0.003
EQT 005 C2A			0.084			0.167			0.024
EQT 006 C2B			0.084			0.167			0.024
EQT 007 C3			0.047			0.080			0.016
GRP 023 C1A - NO	0.002	0.012	0.010	0.004	0.023	0.017	0.001	0.003	0.003
GRP 025 C1B - NO	0.002	0.012	0.010	0.004	0.023	0.017	0.001	0.003	0.003
GRP 027 C2A - NO	0.019	0.019	0.084	0.038	0.038	0.167	0.006	0.006	0.024
GRP 029 C2B - NO	0.019	0.019	0.084	0.038	0.038	0.167	0.006	0.006	0.024
GRP 031 C3 - NO	0.011	0.065	0.047	0.018	0.110	0.080	0.004	0.016	0.016

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase I

Polynuclear Aromatic Hydrocarbons				Selenium (and compounds)				Toluene				Xylene (mixed isomers)				Zinc (and compounds)			
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	
EQT 003			0.027			0.011			0.048			0.001						0.269	
C1A						0.011			0.048			0.001						0.269	
EQT 004		0.027																	
C1B																			
EQT 005		0.265				0.121			0.366			0.006						1.620	
C2A																			
EQT 006		0.265				0.121			0.366			0.006						1.620	
C2B																			
EQT 007		0.129				0.053			0.228			0.003						1.293	
C3																			
GRP 023	0.006	0.037	0.027	0.003	0.017	0.011	0.011	0.051	0.048	<	0.001	0.001	0.062	0.062	0.225	0.225	0.269	0.269	
C1A - NO																			
GRP 025	0.006	0.037	0.027	0.003	0.017	0.011	0.011	0.051	0.048	<	0.001	0.001	0.062	0.062	0.225	0.225	0.269	0.269	
C1B - NO																			
GRP 027	0.061	0.061	0.265	0.028	0.028	0.121	0.084	0.084	0.366	0.001	0.001	0.006	0.370	0.370	0.370	0.370	1.620	1.620	
C2A - NO																			
GRP 029	0.061	0.061	0.265	0.028	0.028	0.121	0.084	0.084	0.366	0.001	0.001	0.006	0.370	0.370	0.370	0.370	1.620	1.620	
C2B - NO																			
GRP 031	0.039	0.175	0.129	0.012	0.080	0.053	0.052	0.241	0.228	0.001	0.004	0.003	0.295	0.295	1.069	1.069	1.293	1.293	
C3 - NO																			

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase I

n-Hexane				
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	
ECT 003 C1A			8.858	
ECT 004 C1B			8.858	
ECT 005 C2A			17.584	
ECT 006 C2B			17.584	
ECT 007 C3			43.100	
GRP 023 C1A - NO	2.022	2.022	8.858	
GRP 025 C1B - NO	2.022	2.022	8.858	
GRP 027 C2A - NO	4.015	4.015	17.584	
GRP 029 C2B - NO	4.015	4.015	17.584	
GRP 031 C3 - NO	9.840	9.840	43.100	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

1,1,1-Trichloroethane: 0.036 tons/yr
 1,4-Dichlorobenzene: 0.065 tons/yr
 Antimony (and compounds): 0.767 tons/yr
 Arsenic (and compounds): 0.200 tons/yr
 Barium (and compounds): 0.500 tons/yr
 Benzene: 0.112 tons/yr
 Beryllium (Table 51.1): 0.085 tons/yr
 Cadmium (and compounds): 0.095 tons/yr
 Chromium VI (and compounds): 0.034 tons/yr
 Cobalt compounds: 0.881 tons/yr
 Copper (and compounds): 0.282 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Phase I

Ethyl benzene: 0.010 tons/yr
Formaldehyde: 7.250 tons/yr
Hydrochloric acid: 52.045 tons/yr
Hydrofluoric acid: 5.441 tons/yr
Lead compounds: 0.235 tons/yr
Manganese (and compounds): 0.448 tons/yr
Mercury (and compounds): 0.070 tons/yr
n-Hexane: 95.984 tons/yr
Naphthalene: 0.193 tons/yr
Nickel (and compounds): 12.361 tons/yr
Polynuclear Aromatic Hydrocarbons: 0.713 tons/yr
Selenium (and compounds): 0.317 tons/yr
Toluene: 1.056 tons/yr
Xylene (mixed isomers): 0.017 tons/yr
Zinc (and compounds): 5.071 tons/yr

Emission Rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

		1,1,1-Trichloroethane			1,2-Dibromoethane			1,2-Dichloroethane			1,4-Dichlorobenzene			2,4-Dinitrotoluene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	
EQT 003 C1A			0.001									0.006				
EQT 004 C1B			0.001									0.006				
EQT 005 C2A			0.014									0.012				
EQT 006 C2B			0.014									0.012				
EQT 011 3A			0.007				< 0.001					0.014				< 0.001
EQT 012 3B			0.007				< 0.001					0.014				< 0.001
EQT 015 BA1A																
EQT 016 BA1B																
EQT 018 C11																
EQT 019 FA1A																
EQT 020 BA1C																
EQT 021 FA1B																
EQT 024 T3																
EQT 025 T4																
FUG 001 BA2																
FUG 002 BA3A																
FUG 003 BA3B																
FUG 004 BA4A																

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Phase II

Subject Item	Ammonia			Antimony (and compounds)			Arsenic (and compounds)			Barium (and compounds)			Benzene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A										0.004			0.022		
EQT 004 C1B										0.004			0.022		
EQT 005 C2A										0.032			0.043		
EQT 006 C2B										0.032			0.043		
EQT 011 3A										0.008			0.187		
EQT 012 3B										30.670			0.187		
EQT 015 BAT A										0.008			0.860		
EQT 016 BAT B										0.001			0.001		
EQT 018 C11										0.001			0.001		
EQT 019 FATA										0.001			0.001		
EQT 020 BAT C										0.001			0.001		
EQT 021 FAB B										0.001			0.001		
EQT 024 T3	0.367	10.997	1.606												
EQT 025 T4	0.367	10.997	1.606												
FUG 001 BA2										0.001			0.001		
FUG 002 BA3A										0.001			0.001		
FUG 003 BA3B										0.001			0.001		
FUG 004 BA4										0.001			0.001		

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Benzyl chloride		Beryllium (Table 51.1)		Biphenyl		Bromoform		Cadmium (and compounds)								
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	
EQT 003 c1A						0.002										0.007
EQT 004 c1B						0.002										0.007
EQT 005 c2A						0.024										0.024
EQT 006 c2B						0.024										0.024
EQT 011 3A		0.249				0.009										0.022
EQT 012 3B		0.249				0.009										0.022
EQT 015 BAA	<	0.001	< 0.001	< 0.001												0.001
EQT 016 BA1B	<	0.001	< 0.001	< 0.001												0.001
EQT 018 CT1																
EQT 019 FA1A	<	0.001	< 0.001	< 0.001												0.001
EQT 020 BA1C	<	0.001	< 0.001	< 0.001												0.001
EQT 021 FA1B	<	0.001	< 0.001	< 0.001												0.001
EQT 024 T3																
EQT 025 T4																
FUG 001 BA2	<	0.001	< 0.001	< 0.001												0.001
FUG 002 BA3A	<	0.001	< 0.001	< 0.001												0.001
FUG 003 BA3B	<	0.001	< 0.001	< 0.001												0.001
FUG 004 BA4	<	0.001	< 0.001	< 0.001												0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit, Major Mod

Phase II

Subject Item	Carbon disulfide			Chlorinated Dibenz-P-Dioxins			Chlorinated dibenzofurans			Chlorine			Chlorobenzene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A															
EQT 004 C1B															
EQT 005 C2A															
EQT 006 C2B															
EQT 011 3A	0.046						0.00003								
EQT 012 3B	0.046						0.00003								
EQT 015 BAT A							0.00001								
EQT 016 BAT B															
EQT 018 C11															
EQT 019 FATA															
EQT 020 BAT C															
EQT 021 FATB															
EQT 024 T3															
EQT 025 T4															
FUG 001 BA2															
FUG 002 BA3A															
FUG 003 BA3B															
FUG 004 BA4A															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Chloroethane		Chloroform		Chromium VI (and compounds)		Cobalt compounds		Copper (and compounds)	
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A						0.008			< 0.001
EQT 004 C1B						0.008			< 0.001
EQT 005 C2A						0.007			< 0.001
EQT 006 C2B						0.007			< 0.001
EQT 011 3A	0.015			0.021		0.083			0.044
EQT 012 3B	0.015			0.021		0.083			0.044
EQT 015 BA1A				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 016 BA1B				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 018 CT1									
EQT 019 FA1A				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 020 BA1C				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 021 FA1B				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 024 T3									
EQT 025 T4									
FUG 001 BA2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 002 BA3A		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 003 BA3B		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 004 BA4A		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Cyclohexane		Cyanide compounds		Dichloromethane		Dimethyl sulfate		Ethyl benzene	
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A									< 0.001
EQT 004 C1B									< 0.001
EQT 005 C2A									0.004
EQT 006 C2B									0.004
EQT 011 3A	0.002			0.888			0.103		
EQT 012 3B	0.002			0.888			0.103		0.033
EQT 015 BA1A									
EQT 016 BA1B									
EQT 018 CT1									
EQT 019 FA1A									
EQT 020 BA1C									
EQT 021 FA1B									
EQT 024 T3									
EQT 025 T4									
FUG 001 BA2									
FUG 002 BA3A									
FUG 003 BA3B									
FUG 004 BA4A									

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Formaldehyde		Hydrochloric acid		Hydrofluoric acid		Isophorone		Lead compounds	
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A			0.492						
EQT 004 C1B			0.492						
EQT 005 C2A			1.948						
EQT 006 C2B			1.948						
EQT 011 3A	0.085			85.191		9.835	0.206		
EQT 012 3B	0.085			85.191		9.835	0.206		
EQT 015 BAIA							< 0.001	< 0.001	< 0.001
EQT 016 BAIB							< 0.001	< 0.001	< 0.001
EQT 018 CT1							< 0.001	< 0.001	< 0.001
EQT 019 FAIA							< 0.001	< 0.001	< 0.001
EQT 020 BAIC							< 0.001	< 0.001	< 0.001
EQT 021 FAIB							< 0.001	< 0.001	< 0.001
EQT 024 T3									
EQT 025 T4									
FUG 001 BA2							< 0.001	< 0.001	< 0.001
FUG 002 BA3A							< 0.001	< 0.001	< 0.001
FUG 003 BA3B							< 0.001	< 0.001	< 0.001
FUG 004 BA4							< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Manganese (and compounds)		Mercury (and compounds)			Methyl Tertiary Butyl Ether			Methyl bromide			Methyl chloride		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	
ECT 003 C1A		0.007				0.004							
ECT 004 C1B		0.007				0.004							
ECT 005 C2A		0.049				0.024							
ECT 006 C2B		0.049				0.024							
ECT 011 3A		0.281				0.113							
ECT 012 3B		0.281				0.113							
ECT 015 BA1A	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				
ECT 016 BA1B	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				
ECT 018 CT1													
ECT 019 FA1A	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				
ECT 020 BA1C	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				
ECT 021 FA1B	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				
ECT 024 T3													
ECT 025 T4													
FUG 001 BA2	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				
FUG 002 BA3A	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				
FUG 003 BA3B	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				
FUG 004 BA4A	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Subject Item		Methyl ethyl ketone			Methyl methacrylate			Monomethyl hydrazine			Naphthalene			Nickel (and compounds)		
		Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003	C1A										0.009					0.010
EQT 004	C1B										0.009					0.010
EQT 005	C2A										0.067					0.024
EQT 006	C2B										0.067					0.024
EQT 011	3A	0.139			0.007			0.060			0.009					0.129
EQT 012	3B	0.139			0.007			0.060			0.009					0.129
EQT 015	BATA										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 016	BATB										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 018	CT1										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 019	FATA										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 020	BA1C										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 021	FA1B										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
EQT 024	T3															
EQT 025	T4															
FUG 001	BA2										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 002	BA3A										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 003	BA3B										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 004	BA4										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
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Phase II

Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Polynuclear Aromatic Hydrocarbons			Propionaldehyde			Selenium (and compounds)			Styrene
				Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	
EQT 003 C1A						0.027						0.020	
EQT 004 C1B						0.027						0.020	
EQT 005 C2A						0.265						0.121	
EQT 006 C2B						0.265						0.121	
EQT 011 3A	0.006					0.015						0.965	0.009
EQT 012 3B	0.006					0.015						0.965	0.009
EQT 015 BA4A										<	0.001	<	0.001
EQT 016 BA4B										<	0.001	<	0.001
EQT 018 CT1										<	0.001	<	0.001
EQT 019 FA1A										<	0.001	<	0.001
EQT 020 BA4C										<	0.001	<	0.001
EQT 021 FA1B										<	0.001	<	0.001
EQT 024 T3													
EQT 025 T4													
FUG 001 BA2										<	0.001	<	0.001
FUG 002 BA3A										<	0.001	<	0.001
FUG 003 BA3B										<	0.001	<	0.001
FUG 004 BA4										<	0.001	<	0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	Sulfuric acid			Tetrachloroethylene			Toluene			Vinyl acetate			Xylylene (mixed isomers)		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003										0.048					0.001
C1A										0.048					0.001
EQT 004															
C1B															
EQT 005										0.366					0.006
C2A										0.366					0.006
EQT 006															
C2B															
EQT 011										0.015					
3A										0.015					
EQT 012										0.015					
3B										0.085					
EQT 015										0.085					
BA1A															
EQT 016															
BA1B															
EQT 018															
CT1															
EQT 019															
FA1A															
EQT 020															
BA1C															
EQT 021															
FA1B															
EQT 024															
T3															
EQT 025															
T4															
FUG 001															
BA2															
FUG 002															
BA3A															
FUG 003															
BA3B															
FUG 004															
BA4															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Zinc (and compounds)			alpha-Chloroacetophenone			n-Hexane			
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 003 C1A			0.143						8.858
EQT 004 C1B			0.143						8.858
EQT 005 C2A			0.283						17.584
EQT 006 C2B			0.283						17.584
EQT 011 3A						0.003			0.024
EQT 012 3B						0.003			0.024
EQT 015 BAIA	< 0.001	< 0.001	< 0.001						
EQT 016 BAIB	< 0.001	< 0.001	< 0.001						
EQT 018 CT1									
EQT 019 FAIA	< 0.001	< 0.001	< 0.001						
EQT 020 BAIC	< 0.001	< 0.001	< 0.001						
EQT 021 FAB	< 0.001	< 0.001	0.001						
EQT 024 T3									
EQT 025 T4									
FUG 001 BA2	< 0.001	< 0.001	< 0.001						
FUG 002 BA3A	< 0.001	< 0.001	< 0.001						
FUG 003 BA3B	< 0.001	< 0.001	< 0.001						
FUG 004 BA4	< 0.001	< 0.001	< 0.001						

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

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Phase II

1,1,1-Trichloroethane		1,2-Dibromoethane		1,2-Dichloroethane		1,4-Dichlorobenzene		2,4-Dinitrotoluene							
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005 FAA															
FUG 006 FAB															
FUG 007 FAC															
FUG 008 FAB															
FUG 009 FA4															
FUG 010 FUG1															
FUG 011 FUG2															
FUG 012 FUG3															
FUG 014 FUG5															
FUG 017 TP1															
FUG 018 TP2															
FUG 019 TP3															
FUG 020 TP4															
FUG 021 TP5															
FUG 022 TP6															
FUG 023 TPA															
FUG 024 TP8															
FUG 026 TP9															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Ammonia		Antimony (and compounds)		Arsenic (and compounds)		Barium (and compounds)		Benzene	
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005 FA2A	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.004	0.001
FUG 006 FA2B	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.004	0.001
FUG 007 FA3A	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.002
FUG 008 FA3B	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 009 FA4	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001
FUG 010 FUG1	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.007	< 0.001	0.001	0.050
FUG 011 FUG2	< 0.001	< 0.002	< 0.001	< 0.001	< 0.001	0.025	< 0.001	0.001	0.252
FUG 012 FUG3	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.017	< 0.001	0.001	0.174
FUG 014 FUG5	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.002	< 0.001	0.001	0.003
FUG 017 TP1	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	0.001	0.002
FUG 018 TP2	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	0.002	< 0.001
FUG 019 TP3	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	0.002	< 0.001
FUG 020 TP4	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	0.001	0.001
FUG 021 TP5	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	0.001	0.001
FUG 022 TP6	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	0.006	0.001
FUG 023 TP7A	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	0.002	< 0.001
FUG 024 TP7B	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	0.002	< 0.001
FUG 026 TP9	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	0.001	0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Benzyl chloride		Beryllium (Table 51.1)		Biphenyl		Bromoform		Cadmium (and compounds)	
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Tons/Year	Avg lb/hr	Tons/Year	Avg lb/hr	Tons/Year
FUG 005	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FA2A	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 006	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FA2B	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 007	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FA3A	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 008	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FA3B	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 009	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FA4	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 010	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG ₁	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 011	< 0.001	< 0.002		< 0.001	< 0.001			< 0.001	< 0.001
FUG ₂	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 012	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG ₃	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 014	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG ₅	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 017	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
TP1	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 018	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
TP2	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 019	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
TP3	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 020	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
TP4	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 021	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
TP5	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 022	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
TP6	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 023	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
TP7A	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 024	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
TP7B	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
FUG 026	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001
TP8	< 0.001	< 0.001		< 0.001	< 0.001			< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	Carbon disulfide			Chlorinated Dibenz-p-Dioxins			Chlorinated dibenzofurans			Chlorine			Chlorobenzene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005 FAA															
FUG 006 FAB															
FUG 007 FAS															
FUG 008 FAB															
FUG 009 FA4															
FUG 010 FUG1															
FUG 011 FUG2															
FUG 012 FUG3															
FUG 014 FUG5															
FUG 017 TP1															
FUG 018 TP2															
FUG 019 TP3															
FUG 020 TP4															
FUG 021 TP5															
FUG 022 TP6															
FUG 023 TP7A															
FUG 024 TP7B															
FUG 026 TP9															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Phase II

Chloroethane		Chloroform		Chromium VI (and compounds)		Cobalt compounds		Copper (and compounds)	
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005	v	v	0.001	v	v	0.001	v	v	0.001
FA2A									
FUG 006	v	v	0.001	v	v	0.001	v	v	0.001
FA2B									
FUG 007	v	v	0.001	v	v	0.001	v	v	0.001
FA3A									
FUG 008	v	v	0.001	v	v	0.001	v	v	0.001
FA3B									
FUG 009	v	v	0.001	v	v	0.001	v	v	0.001
FA4									
FUG 010	v	v	0.003	v	v	0.001	v	v	0.002
FUG1									
FUG 011	v	v	0.019	v	v	0.001	v	v	0.007
FUG2									
FUG 012	v	v	0.013	v	v	0.001	v	v	0.005
FUG3									
FUG 014	v	v	0.001	v	v	0.001	v	v	0.001
FUG5									
FUG 017	v	v	0.001	v	v	0.001	v	v	0.001
TP1									
FUG 018	v	v	0.001	v	v	0.001	v	v	0.001
TP2									
FUG 019	v	v	0.001	v	v	0.001	v	v	0.001
TP3									
FUG 020	v	v	0.001	v	v	0.001	v	v	0.001
TP4									
FUG 021	v	v	0.001	v	v	0.001	v	v	0.001
TP5									
FUG 022	v	v	0.001	v	v	0.001	v	v	0.001
TP6									
FUG 023	v	v	0.001	v	v	0.001	v	v	0.001
TPA									
FUG 024	v	v	0.001	v	v	0.001	v	v	0.001
TPB									
FUG 026	v	v	0.001	v	v	0.001	v	v	0.001
TP9									

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	Cumene			Cyanide compounds			Dichloromethane			Dimethyl sulfate			Ethyl benzene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005 FAA															
FUG 006 FAB															
FUG 007 FAA															
FUG 008 FAB															
FUG 009 FA4															
FUG 010 FUG1															
FUG 011 FUG2															
FUG 012 FUG3															
FUG 014 FUG5															
FUG 017 TP1															
FUG 018 TP2															
FUG 019 TP3															
FUG 020 TP4															
FUG 021 TP5															
FUG 022 TP6															
FUG 023 TP7A															
FUG 024 TP7B															
FUG 026 TP8															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
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 Air - Title V Regular Permit Major Mod

Phase II

Formaldehyde		Hydrochloric acid		Hydrofluoric acid		Isophorone		Lead compounds	
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005								< 0.001	< 0.001
FAA								< 0.001	< 0.001
FUG 006								< 0.001	< 0.001
FAB								< 0.001	< 0.001
FUG 007								< 0.001	< 0.001
FAA								< 0.001	< 0.001
FUG 008								< 0.001	< 0.001
FAB								< 0.001	< 0.001
FUG 009								< 0.001	< 0.001
FAA								< 0.001	< 0.001
FUG 010								< 0.004	< 0.001
FUG ₁									
FUG 011								0.023	< 0.001
FUG ₂								< 0.016	< 0.001
FUG 012									
FUG ₃									
FUG 014								0.002	< 0.001
FUG ₅									
FUG 017								< 0.001	< 0.001
TP ₁									
FUG 018								< 0.001	< 0.001
TP ₂									
FUG 019								< 0.001	< 0.001
TP ₃									
FUG 020								< 0.001	< 0.001
TP ₄									
FUG 021								< 0.001	< 0.001
TP ₅									
FUG 022								< 0.001	< 0.001
TP ₆									
FUG 023								< 0.001	< 0.001
TP _{7A}									< 0.001
FUG 024								< 0.001	< 0.001
TP _{8B}									
FUG 026								< 0.001	< 0.001
TP ₉									

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

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Air - Title V Regular Permit Major Mod

Phase II

Subject Item	Manganese (and compounds)			Mercury (and compounds)			Methyl Tertiary Butyl Ether			Methyl bromide			Methyl chloride		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005 FA2A	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 006 FA2B	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 007 FA3A	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 008 FA3B	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 009 FA4	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 010 FUG ₁	> 0.001	0.021	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 011 FUG ₂	< 0.001	0.067	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 012 FUG ₃	< 0.001	0.046	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 014 FUG ₅	< 0.001	0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 017 TP1	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 018 TP2	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 019 TP3	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 020 TP4	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 021 TP5	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 022 TP6	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 023 TPA	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 024 TPB	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 026 TP9	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
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 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	Methyl ethyl ketone			Methyl methacrylate			Monomethyl hydrazine			Naphthalene			Nickel (and compounds)		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005 FAA										v	0.001	< 0.003	0.001		
FUG 006 FA _{2B}										v	0.001	0.003	0.001		
FUG 007 FA _{3A}										v	0.001	< 0.001	0.001		
FUG 008 FA _{3B}										v	0.001	< 0.001	0.001		
FUG 009 FA ₄										v	0.001	< 0.001	0.001		
FUG 010 FUG ₁										v	0.001	0.007	0.001		
FUG 011 FUG ₂										v	0.001	0.187	0.002		
FUG 012 FUG ₃										v	0.001	0.129	0.002		
FUG 014 FUG ₅										v	0.001	0.002	< 0.001		
FUG 017 TP ₁										v	0.001	0.002	0.001		
FUG 018 TP ₂										v	0.001	0.002	< 0.001		
FUG 019 TP ₃										v	0.001	0.002	0.001		
FUG 020 TP ₄										v	0.001	< 0.001	< 0.001		
FUG 021 TP ₅										v	0.001	0.004	0.001		
FUG 022 TP ₆										v	0.001	< 0.001	< 0.001		
FUG 023 TP _{7A}										v	0.001	< 0.001	0.001		
FUG 024 TP _{7B}										v	0.001	0.001	0.001		
FUG 026 TP ₉										v	0.001	< 0.001	0.001		

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

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Phase II

Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Polynuclear Aromatic Hydrocarbons			Propionaldehyde			Selenium (and compounds)			Styrene		
				Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005 FAA										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 006 FAA										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 007 FAA										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 008 FAA										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 009 FAA										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 010 FUG1										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 011 FUG2										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 012 FUG3										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 014 FUG5										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 017 TP1										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 018 TP2										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 019 TP3										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 020 TP4										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 021 TP5										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 022 TP6										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 023 TP7A										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 024 TP7B										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 025 TP7C										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
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 Air - Title V Regular Permit Major Mod

Phase II

Subject Item		Sulfuric acid		Tetrachloroethylene		Toluene		Vinyl acetate		Xylene (mixed isomers)	
		Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr
FUG 005	FA2A										
FUG 006	FA2B										
FUG 007	FA3A										
FUG 008	FA3B										
FUG 009	FA4										
FUG 010	FUG1										
FUG 011	FUG2										
FUG 012	FUG3										
FUG 014	FUG5										
FUG 017	TP1										
FUG 018	TP2										
FUG 019	TP3										
FUG 020	TP4										
FUG 021	TP5										
FUG 022	TP6										
FUG 023	TP7A										
FUG 024	TP7B										
FUG 026	TP8										

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Zinc (and compounds)		alpha-Chloroacetophenone			n-Hexane				
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 005 F2A	< 0.001	0.001	0.001						
FUG 006 F2B	< 0.001	0.001	0.001						
FUG 007 F3A	< 0.001	< 0.001	0.001						
FUG 008 F3B	< 0.001	< 0.001	0.001						
FUG 009 F4A	< 0.001	0.001	0.001						
FUG 010 F4G1	< 0.001	0.031	0.002						
FUG 011 FUG2	< 0.001	0.001	0.001						
FUG 012 FUG3	< 0.001	0.063	0.001						
FUG 014 FUG5	< 0.001	0.007	0.001						
FUG 017 TP1	< 0.001	0.001	0.001						
FUG 018 TP2	< 0.001	0.001	0.001						
FUG 019 TP3	< 0.001	0.001	< 0.001						
FUG 020 TP4	< 0.001	< 0.001	0.001						
FUG 021 TP5	< 0.001	0.001	< 0.001						
FUG 022 TP6	< 0.001	< 0.001	0.001						
FUG 023 TPPA	< 0.001	0.001	0.001						
FUG 024 TPPB	< 0.001	0.001	0.001						
FUG 026 TPPb	< 0.001	< 0.001	< 0.001						

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

1,1,1-Trichloroethane		1,2-Dibromoethane		1,2-Dichloroethane		1,4-Dichlorobenzene		2,4-Dinitrotoluene	
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 027 TP10									
FUG 028 TP11									
FUG 029 TP12									
FUG 030 TP13									
GRP 020	0.002	0.002	0.007	< 0.001	< 0.001	< 0.001	0.003	0.014	
GRP 022	0.002	0.002	0.007	< 0.001	< 0.001	< 0.001	0.003	0.014	
GRP 023	< 0.001	0.002	0.001				0.001	0.001	0.006
GRP 025 C1A-NO	< 0.001	0.002	0.001				0.001	0.001	0.006
GRP 027 C1B-NO	0.003	0.003	0.014				0.003	0.003	0.012
GRP 029 C2A-NO	0.003	0.003	0.014				0.003	0.003	0.012
GRP 029 C2B-NO									

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER2002006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Phase II

Subject Item	Ammonia			Antimony (and compounds)			Arsenic (and compounds)			Barium (and compounds)			Benzene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 027 TP10	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 028 TP11	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 029 TP12	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 030 TP13	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
GRP 020	7.000	16.543	30.670	0.002	0.008	0.043	0.045	0.187	0.196	0.206	0.860	0.105	0.111	0.462	
GRP 022	7.000	16.543	30.670	0.002	0.008	0.043	0.045	0.187	0.196	0.206	0.860	0.105	0.111	0.462	
GRP 023				0.006	0.041	0.027	0.002	0.010	0.008	0.007	0.020	0.031	0.002	0.002	0.010
C1A - NO															
GRP 025				0.006	0.041	0.027	0.002	0.010	0.008	0.007	0.020	0.031	0.002	0.002	0.010
C1B - NO															
GRP 027				0.067	0.067	0.293	0.017	0.017	0.074	0.033	0.143	0.005	0.005	0.021	
C2A - NO					0.067	0.067	0.293	0.017	0.017	0.074	0.033	0.143	0.005	0.005	0.021
GRP 029															
C2B - NO															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Benzyl chloride			Beryllium (Table 51-1)			Biphenyl			Bromoform			Cadmium (and compounds)			
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 027				< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TP10				< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 028				< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TP11				< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 029				< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TP12				< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 030				< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TP13				< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
GRP 020	0.057	0.060	0.249	0.002	0.002	0.009	< 0.001	< 0.001	0.001	0.003	0.003	0.014	0.005	0.005	0.022
GRP 022	0.057	0.060	0.249	0.002	0.002	0.009	< 0.001	< 0.001	0.001	0.003	0.003	0.014	0.005	0.005	0.022
GRP 023				0.001	0.003	0.002							0.002	0.003	0.007
C1A - NO															
GRP 025				0.001	0.003	0.002							0.002	0.003	0.007
C1B - NO															
GRP 027				0.006	0.006	0.024							0.006	0.006	0.024
C2A - NO															
GRP 029				0.006	0.006	0.024							0.006	0.006	0.024
C2B - NO															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
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 Air - Title V Regular Permit Major Mod

Phase II

Subject Item		Carbon disulfide			Chlorinated Dibenz-P-Dioxins			Chlorinated dibenzofurans			Chlorine			Chlorobenzene		
	Avg lb/hr	Max lb/hr	Tons/hr	Avg lb/Year	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	
FUG 027																
TP10																
FUG 028																
TP11																
FUG 029																
TP12																
FUG 030																
TP13																
GRP 020	0.011	0.046	0.000007	0.000007	0.000007	0.000003	0.000003	0.000003	0.000001	0.000003	0.000002	0.0002	0.0002	0.0002	0.0002	0.0008
GRP 022	0.011	0.046	0.000007	0.000007	0.000007	0.000003	0.000003	0.000003	0.000001	0.000003	0.000002	0.0002	0.0002	0.0002	0.0002	0.0008
GRP 023																
C1A-NO																
GRP 025																
C1B-NO																
GRP 027																
C2A-NO																
GRP 029																
C2B-NO																

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Chloroethane			Chloroform			Chromium VI (and compounds)			Cobalt compounds			Copper (and compounds)			
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 027						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TP10						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 028						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TP11						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 029						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TP12						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
FUG 030						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TP13						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
GRP 020	0.003	0.003	0.015	0.005	0.005	0.021	0.019	0.020	0.083	0.010	0.010	0.044			
GRP 022	0.003	0.003	0.015	0.005	0.005	0.021	0.019	0.020	0.083	0.010	0.010	0.044			
GRP 023						0.001	0.002	0.003	0.007	0.047	0.031	0.003	0.014	0.013	
C1A - NO															
GRP 025						0.001	0.002	0.003	0.007	0.047	0.031	0.003	0.014	0.013	
C1B - NO															
GRP 027						0.003	0.003	0.014	0.077	0.077	0.336	0.022	0.022	0.098	
C2A - NO						0.003	0.003	0.014	0.077	0.077	0.336	0.022	0.022	0.098	
GRP 029															
C2B - NO															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Cumene			Cyanide compounds			Dichloromethane			Dimethyl sulfate			Ethyl benzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr
FUG 027 TP_0														
FUG 028 TP_1														
FUG 029 TP_2														
FUG 030 TP_3														
GRP 020	< 0.001	< 0.001	0.002	0.203	0.213	0.888	0.024	0.025	0.103	0.004	0.017	0.008	0.008	0.033
GRP 022	< 0.001	< 0.001	0.002	0.203	0.213	0.888	0.024	0.026	0.103	0.004	0.017	0.008	0.008	0.033
GRP 023 C1A - NO												< 0.001	0.001	< 0.001
GRP 025 C1B - NO												< 0.001	0.001	< 0.001
GRP 027 C2A - NO												0.001	0.001	0.004
GRP 029 C2B - NO												0.001	0.001	0.004

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Formaldehyde		Hydrochloric acid				Hydrofluoric acid				Isophorone				Lead compounds				
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 027 TP10													<	0.001	<	0.001	<	0.001
FUG 028 TP11													<	0.001	<	0.001	<	0.001
FUG 029 TP12													<	0.001	<	0.001	<	0.001
FUG 030 TP13													<	0.001	<	0.001	<	0.001
GRP 020	0.019	0.020	0.085	19.450	20.423	85.191	2.245	2.358	9.835	0.047	0.049	0.206	0.040	0.042	0.174			
GRP 022	0.019	0.020	0.085	19.450	20.423	85.191	2.245	2.358	9.835	0.047	0.049	0.206	0.040	0.042	0.174			
GRP 023	0.112	0.271	0.492	0.415	2.764	1.816	0.043	0.289	0.190				0.002	0.012	0.010			
GRP 025 C1A - NO	0.112	0.271	0.492	0.415	2.764	1.816	0.043	0.289	0.190				0.002	0.012	0.010			
GRP 027 C1B - NO	0.445	0.445	1.948	4.542	4.542	19.900	0.475	0.475	2.080				0.019	0.019	0.019			
GRP 029 C2B - NO	0.445	0.445	1.948	4.542	4.542	19.900	0.475	0.475	2.080				0.019	0.019	0.019			

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Phase II

Manganese (and compounds)			Mercury (and compounds)			Methyl Tertiary Butyl Ether			Methyl bromide			Methyl chloride			
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 027 TP40	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 028 TP11	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 029 TP12	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
FUG 030 TP13	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						
GRP 020	0.064	0.067	0.281	0.026	0.026	0.113	0.003	0.003	0.003	0.012	0.013	0.014	0.057	0.043	0.045
GRP 022	0.064	0.067	0.281	0.026	0.026	0.113	0.003	0.003	0.003	0.012	0.013	0.014	0.057	0.043	0.045
GRP 023 CIA - NO	0.004	0.023	0.017	0.001	0.003	0.003									
GRP 025 CIB - NO	0.004	0.023	0.017	0.001	0.003	0.003									
GRP 027 CIA - NO	0.038	0.038	0.167	0.006	0.006	0.024									
GRP 029 CIB - NO	0.038	0.038	0.167	0.006	0.006	0.024									

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER2002006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Phase II

Methyl ethyl ketone		Methyl methacrylate		Monomethyl hydrazine		Naphthalene		Nickel (and compounds)				
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 027										< 0.001	< 0.001	0.001
TP10										< 0.001	< 0.001	0.001
FUG 028										< 0.001	< 0.001	0.001
TP11										< 0.001	< 0.001	0.001
FUG 029										< 0.001	< 0.001	0.001
TP12										< 0.001	< 0.001	0.001
FUG 030										< 0.001	< 0.001	0.001
TP13										< 0.001	< 0.001	0.001
GRP 020	0.032	0.033	0.139	0.002	0.007	0.014	0.014	0.060	0.002	0.009	0.030	0.031
GRP 022	0.032	0.033	0.139	0.002	0.002	0.007	0.014	0.060	0.002	0.009	0.030	0.031
GRP 023										0.002	0.010	0.009
C1A-NO										0.009	0.100	0.655
GRP 025										0.002	0.010	0.009
C1B-NO										0.015	0.015	0.067
GRP 027										0.015	0.067	1.076
C2A-NO										0.015	0.015	1.076
GRP 029										0.067	0.067	1.076
C2B-NO										0.067	0.067	1.076

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Polynuclear Aromatic Hydrocarbons			Propionaldehyde			Selenium (and compounds)			Styrene		
				Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 027 TP_0										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 028 TP_1										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 029 TP_2										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
FUG 030 TP_3										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
GRP 020	0.001	0.001	0.006	0.003	0.004	0.015	0.031	0.032	0.135	0.220	0.231	0.965	0.002	0.002	0.009
GRP 022	0.001	0.001	0.006	0.003	0.004	0.015	0.031	0.032	0.135	0.220	0.231	0.965	0.002	0.002	0.009
GRP 023 C1A -NO				0.006	0.037	0.027				0.003	0.017	0.011			
GRP 025 C1B -NO				0.006	0.037	0.027				0.003	0.017	0.011			
GRP 027 C2A -NO				0.061	0.061	0.265				0.028	0.028	0.121			
GRP 029 C2B -NO				0.061	0.061	0.265				0.028	0.028	0.121			

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
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 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	Sulfuric acid			Tetrachloroethylene			Toluene			Vinyl acetate			Xylene (mixed isomers)		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 027															
TP10															
FUG 028															
TP11															
FUG 029															
TP12															
FUG 030															
TP13															
GRP 020	3.232	3.393	14.155	0.003	0.004	0.015	0.019	0.020	0.085	0.001	0.003	0.003	0.003	0.003	0.013
GRP 022	3.232	3.393	14.155	0.003	0.004	0.015	0.019	0.020	0.085	0.001	0.003	0.003	0.003	0.003	0.013
GRP 023															
C1A- NO															
GRP 025															
C1B- NO															
GRP 027															
C2A- NO															
GRP 029															
C2B- NO															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
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 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 027 TP10	< 0.001	< 0.001	< 0.001						
FUG 028 TP11	< 0.001	< 0.001	< 0.001						
FUG 029 TP12	< 0.001	< 0.001	< 0.001						
FUG 030 TP13	< 0.001	< 0.001	< 0.001						
GRP 020				0.001	0.001	0.003	0.005	0.006	0.024
GRP 022				0.001	0.001	0.003	0.005	0.006	0.024
GRP 023 C1A - ND	0.062	0.225	0.269				2.022	2.022	8.858
GRP 025 C1B - ND	0.062	0.225	0.269				2.022	2.022	8.858
GRP 027 C2A - ND	0.370	0.370	1.620				4.015	4.015	17.584
GRP 029 C2B - ND	0.370	0.370	1.620				4.015	4.015	17.584

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

1,1-Trichloroethane: 0.044 tons/yr
 1,2-Dibromoethane: <0.001 tons/yr
 1,2-Dichloroethane: 0.028 tons/yr
 1,4-Dichlorobenzene: 0.036 tons/yr
 2,4-Dinitrotoluene: <0.001 tons/yr
 alpha-Chloroacetophenone: 0.006 tons/yr
 Ammonia: 64.552 tons/yr
 Antimony (and compounds): 0.016 tons/yr
 Arsenic (and compounds): 0.446 tons/yr
 Barium (and compounds): 1.869 tons/yr
 Benzene: 0.986 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

Phase II

Benzyl chloride: 0.498 tons/yr
 Beryllium (Table 51.1): 0.070 tons/yr
 Biphenyl: 0.002 tons/yr
 Bromoform: 0.028 tons/yr
 Cadmium (and compounds): 0.106 tons/yr
 Carbon disulfide: 0.092 tons/yr
 Chlorinated Dibenzo-P-Dioxins: 0.00006 tons/yr
 Chlorinated dibenzofurans: 0.0002 tons/yr
 Chlorine: <0.001 tons/yr
 Chlorobenzene: 0.016 tons/yr
 Chloroethane: 0.030 tons/yr
 Chloroform: 0.042 tons/yr
 Chromium VI (and compounds): 0.196 tons/yr
 Cobalt compounds: 0.088 tons/yr
 Coper (and compounds): 0.108 tons/yr
 Cumene: 0.004 tons/yr
 Cyanide compounds: 1.776 tons/yr
 Dichloromethane: 0.206 tons/yr
 Dimethyl sulfate: 0.034 tons/yr
 Ethyl benzene: 0.074 tons/yr
 Formaldehyde: 5.050 tons/yr
 Hydrochloric acid: 170.382 tons/yr
 Hydrofluoric acid: 19.670 tons/yr
 Isophorone: 0.412 tons/yr
 Lead compounds: 0.514 tons/yr
 Manganese (and compounds): 0.677 tons/yr
 Mercury (and compounds): 0.282 tons/yr
 Methyl bromide: 0.114 tons/yr
 Methyl chloride: 0.376 tons/yr
 Methyl ethyl ketone: 0.278 tons/yr
 Methyl methacrylate: 0.014 tons/yr
 Methyl Tertiary Butyl Ether: 0.024 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

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Air - Title V Regular Permit Major Mod

Phase II

Monomethyl hydrazine: 0.120 tons/yr
n-Hexane: 52.932 tons/yr
Naphthalene: 0.170 tons/yr
Nickel (and compounds): 0.345 tons/yr
Phenol: 0.012 tons/yr
Polynuclear Aromatic Hydrocarbons: 0.614 tons/yr
Propionaldehyde: 0.270 tons/yr
Selenium (and compounds): 2.212 tons/yr
Styrene: 0.018 tons/yr
Sulfuric acid: 28.310 tons/yr
Tetrachloroethylene: 0.030 tons/yr
Toluene: 0.958 tons/yr
Vinyl acetate: 0.006 tons/yr
Xylene (mixed isomers): 0.040 tons/yr
Zinc (and compounds): 0.869 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2002006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

EQT003 **C1A - Unit 1 Stack A**

- 1 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
- 2 Which Months: All Year Statistical Basis: None specified
- 3 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
- 4 Which Months: All Year Statistical Basis: None specified
- 5 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
- 6 Which Months: All Year Statistical Basis: Three-hour average.
- 7 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D. **Table 4.** Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. Compliance with 40 CFR 75.11(d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1. [LAC 33:III.1503.D.1]
- 8 Permittee shall demonstrate compliance by monitoring input sulfur and calculating sulfur dioxide emissions. [LAC 33:III.1511.C]
- 9 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 10 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15. [LAC 33:III.1513]
- 11 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:III.Chapter 39. [LAC 33:III.1513]
- 12 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
- 13 Submit report: Due within 60 days after a performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]
- 14 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]
- 15 Fuel sulfur content <= 0.5 percent. [LAC 33:III.501.C.6]
- 16 Which Months: All Year Phases: Phase I Statistical Basis: Constant
- 17 Fuel sulfur content <= 0.05 percent. [LAC 33:III.501.C.6]
- 18 Which Months: All Year Phases: Phase II Statistical Basis: Constant
- 19 Fuel sulfur content <= 0.5 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition. [LAC 33:III.501.C.6]
- 20 Which Months: All Year Phases: Phase I Statistical Basis: Constant
- 21 Fuel sulfur content <= 0.05 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition. [LAC 33:III.501.C.6]
- 22 Which Months: All Year Phases: Phase II Statistical Basis: Constant

SPECIFIC REQUIREMENTS

A1 ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2002006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

C1A - Unit 1 Stack A

- EQT003**
- 16 Equipment/operational data monitored by technically sound method at the regulation's specified frequency. Permittee shall monitor fuel sulfur content in accordance with 40 CFR 75. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified
 - 17 Equipment/operational data recordkeeping by electronic or hard copy monthly. Permittee shall maintain records in accordance with 40 CFR 75. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
 - 18 Submit report: Due annually, by the 31st of March. Report the fuel sulfur content data obtained in accordance with 40 CFR 75 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

C1B - Unit 1 Stack B

- EQT004**
- 19 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
 Which Months: All Year Statistical Basis: None specified
 - 20 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
 Which Months: All Year Statistical Basis: None specified
 - 21 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
 Which Months: All Year Statistical Basis: Three-hour average
 - 22 Determine sulfur dioxide and sulfurous acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D. Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. Compliance with 40 CFR 75.11(d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1. [LAC 33:III.1503.D.1]
 - 23 Permittee shall demonstrate compliance by monitoring input sulfur and calculating sulfur dioxide emissions. [LAC 33:III.1511.C]
 - 24 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
 - 25 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]
 - 26 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:III.Chapter 39. [LAC 33:III.1513]
 - 27 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
 - 28 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]
 - 29 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

EQT004 C1B - Unit 1 Stack B

- 30 Fuel sulfur content <= 0.5 percent. [LAC 33:III.501.C.6]
 - Which Months: All Year Phases: Phase I Statistical Basis: Constant
- 31 Fuel sulfur content <= 0.05 percent. [LAC 33:III.501.C.6]
 - Which Months: All Year Phases: Phase II Statistical Basis: Constant
- 32 Fuel sulfur content <= 0.5 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition. [LAC 33:III.501.C.6]
 - Which Months: All Year Phases: Phase I Statistical Basis: Constant
- 33 Fuel sulfur content <= 0.05 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if fuel sulfur content exceeds the maximum listed in this specific condition. [LAC 33:III.501.C.6]
 - Which Months: All Year Phases: Phase II Statistical Basis: Constant
- 34 Equipment/operational data monitored by technically sound method at the regulation's specified frequency. Permittee shall monitor fuel sulfur content in accordance with 40 CFR 75. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: None specified
- 35 Equipment/operational data recordkeeping by electronic or hard copy monthly. Permittee shall maintain records in accordance with 40 CFR 75. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 36 Submit report: Due annually, by the 31st of March. Report the fuel sulfur content data obtained in accordance with 40 CFR 75 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

EQT005 C2A - Unit 2 Stack A

- 37 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
 - Which Months: All Year Statistical Basis: None specified
- 38 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
 - Which Months: All Year Statistical Basis: None specified
- 39 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
 - Which Months: All Year Statistical Basis: Three-hour average
- 40 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D.Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. Compliance with 40 CFR 75.11(d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1. [LAC 33:III.1503.D.1]
 - 41 Permittee shall demonstrate compliance by monitoring input sulfur and calculating sulfur dioxide emissions. [LAC 33:III.1511.C]
 - 42 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
 - 43 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]
 - 44 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:III.Chapter 39. [LAC 33:III.1513]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-0-0009-V1
Air - Title V Regular Permit Major Mod

EQT005 C2A - Unit 2 Stack A

- 45 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
- 46 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]
- 47 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]
- 48 Fuel sulfur content ≤ 0.5 percent. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Constant
- 49 Fuel sulfur content ≤ 0.05 percent. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Constant
- 50 Fuel sulfur content ≤ 0.5 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition. [LAC 33:III.501.C.6]
- Which Months: All Year Phases: Phase I Statistical Basis: Constant
- 51 Fuel sulfur content ≤ 0.05 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if fuel sulfur content exceeds the maximum listed in this specific condition. [LAC 33:III.501.C.6]
- Which Months: All Year Phases: Phase II Statistical Basis: Constant
- 52 Equipment/operational data monitored by technically sound method at the regulation's specified frequency. Permittee shall monitor fuel sulfur content in accordance with 40 CFR 75. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified
- 53 Equipment/operational data recordkeeping by electronic or hard copy monthly. Permittee shall maintain records in accordance with 40 CFR 75. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 54 Submit report: Due annually, by the 31st of March. Report the fuel sulfur content data obtained in accordance with 40 CFR 75 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

EQT006 C2B - Unit 2 Stack B

- 55 Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or laning, changing of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
- Which Months: All Year Statistical Basis: None specified
- 56 Total suspended particulate ≤ 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
- Which Months: All Year Statistical Basis: None specified
- 57 Sulfur dioxide ≤ 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
- Which Months: All Year Statistical Basis: Three-hour average

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

EQT006 C2B - Unit 2 Stack B

- 58 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D. Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. Compliance with 40 CFR 75.1 (d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1. [LAC 33:III.1503.D.1]
- 59 Permittee shall demonstrate compliance by monitoring input sulfur and calculating sulfur dioxide emissions. [LAC 33:III.1511.C]
- 60 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 61 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]
- 62 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:1.Chapter 39. [LAC 33:III.1513]
- 63 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:II.501.C.6]
- 64 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]
- 65 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]
- 66 Fuel sulfur content <= 0.5 percent. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Constant
- 67 Fuel sulfur content <= 0.05 percent. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Constant
- 68 Fuel sulfur content <= 0.5 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Constant
- 69 Fuel sulfur content <= 0.05 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if fuel sulfur content exceeds the maximum listed in this specific condition. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Constant
- 70 Equipment/operational data monitored by technically sound method at the regulation's specified frequency. Permittee shall monitor fuel sulfur content in accordance with 40 CFR 75. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified
- 71 Equipment/operational data recordkeeping by electronic or hard copy monthly. Permittee shall maintain records in accordance with 40 CFR 75. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 72 Submit report: Due annually, by the 31st of March. Report the fuel sulfur content data obtained in accordance with 40 CFR 75 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

C3 - Unit 3 StackEQT007

- 73 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
- Which Months: All Year Statistical Basis: None specified
- 74 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
- Which Months: All Year Statistical Basis: None specified
- 75 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
- Which Months: All Year Statistical Basis: Three-hour average
- 76 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D. Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. Compliance with 40 CFR 75.11(d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1. [LAC 33:III.1503.D.]
- 77 Permittee shall demonstrate compliance by monitoring input sulfur and calculating sulfur dioxide emissions. [LAC 33:III.1511.C]
- 78 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 79 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513]
- 80 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]
- 81 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
- 82 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]
- 83 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrument Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions From Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]
- 84 Fuel sulfur content <= 0.5 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition. [LAC 33:III.501.C.6]
- Which Months: All Year Phases: Phase I Statistical Basis: Constant
- 85 Equipment/operational data monitored by technically sound method at the regulation's specified frequency. Permittee shall monitor fuel sulfur content in accordance with 40 CFR 75. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 86 Equipment/operational data recordkeeping by electronic or hard copy monthly. Permittee shall maintain records in accordance with 40 CFR 75. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 87 Submit report: Due annually, by the 31st of March. Report the fuel sulfur content data obtained in accordance with 40 CFR 75 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

C3 - Unit 3 Stack**EQT007**

88 At no time and under no circumstances shall this unit be operated concurrently with EQT 11 and/or EQT 12. Once EQT 11 and EQT 12 achieve commercial operation, this unit shall cease all operations and be decommissioned. [LAC 33:III.501.C.6], Phases: Phase I
 Phases: Phase I

3A - CFB Boiler Unit 3A**EQT011**

89 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

90 Total suspended particulate $\leq 0.6 \text{ lb/MMBTU}$ of heat input. [LAC 33:III.1313.C]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

91 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

92 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

Phases: Phase II

93 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. [LAC 33:III.1513], Phases: Phase II
 Phases: Phase II

94 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:III.Chapter 39. [LAC 33:III.1513], Phases: Phase II
 Phases: Phase II

95 Nitrogen oxides $\leq 0.07 \text{ lb/MMBTU}$. [LAC 33:III.501.C.6]

Which Months: All Year Phases: Phase II Statistical Basis: Annual average

96 Particulate matter (10 microns or less) $\leq 0.011 \text{ lb/MMBTU}$. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average

97 Permittee shall utilize circulating fluidized bed technology in conjunction with a fabric filter in order to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II

98 Sulfur dioxide $\leq 0.15 \text{ lb/MMBTU}$. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average

99 Permittee shall utilize circulating fluidized bed technology in conjunction with limestone injection and a flue gas desulfurization device in order to control emissions of sulfur dioxide. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II

100 Permittee shall utilize circulating fluidized bed technology in conjunction with good combustion practices in order to control emissions of volatile organic compounds and carbon monoxide. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

3A - CFB Boiler Unit 3A

- EQT011**
- 101 Permittee shall utilize circulating fluidized bed technology in conjunction with a flue gas desulfurization device and a fabric filter in order to control emissions of hydrogen fluoride and sulfuric acid. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II
- 102 Carbon monoxide $\leq 0.10 \text{ lb/MMBTU}$. This limit shall apply when the steam production output of this source is greater than or equal to 60% of its capacity. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 103 Carbon monoxide $\leq 0.15 \text{ lb/MMBTU}$. This limit shall apply when the steam production output of this source is less than 60% of its capacity. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 104 Sulfuric acid $\leq 0.0012 \text{ lb/MMBTU}$. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 105 VOC, Total $\leq 0.0047 \text{ lb/MMBTU}$. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 106 Permittee shall conduct a performance test to determine the steam production output that corresponds to the transition point below which the boilers produce more carbon monoxide. Permittee shall submit, within 180 days of the completion of the performance test, a permit modification to incorporate this steam production rate into the permit. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II
- 107 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II
- 108 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II
- 109 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.509]
- 110 Hydrofluoric acid $\leq 0.00084 \text{ lb/MMBTU}$. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 111 At no time and under no circumstances shall this unit be operated concurrently with EQT 7. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II
- 112 Opacity ≤ 20 percent, except for one 6-minute period per hour of not more than 27% opacity. Subpart Da. [40 CFR 60.42Da(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
- 113 On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with one (1) of the applicable emissions limitations for particulate matter stated in 40 CFR 60.42Da. Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. [40 CFR 60.42Da], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

3A - CFB Boiler Unit 3A**EQT011**

- 114 On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with one (1) of the applicable emissions limitations for sulfur dioxide stated in 40 CFR 60.43Da. Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. [40 CFR 60.43Da(i)], Phases: Phase II
- 115 Nitrogen oxides <= 1.0 lb/MWh (130 ng/J) gross electrical output. Subpart Da. [40 CFR 60.44Da(e)(1)]
Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 116 On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with one (1) of the applicable emissions limitations for nitrogen oxides stated in 40 CFR 60.44Da. Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. [40 CFR 60.44Da], Phases: Phase II
Phases: Phase II
- 117 Mercury: Permittee shall calculate the appropriate emissions limitation in accordance with 40 CFR 60.45Da(a)(5)(i) and shall comply with the resulting limitation. Compliance with this limitation shall be determined on a twelve month rolling average in accordance with 40 CFR 60.50Da(h). [40 CFR 60.45Da(a)(5)(i)], Phases: Phase II
Phases: Phase II
- 118 Do not discharge into the atmosphere any gases from a new affected source that contain Hg in excess of the computed weighted Hg emissions limit based on the proportion of energy output (in British thermal units, Btu) contributed by each coal rank burned during the compliance period and its applicable Hg emissions limit in 40 CFR 60.45Da(a)(1) through (4) as determined using Equation 1 of 40 CFR 60.45Da(a)(5)(i). Meet the weighted Hg emissions limit calculated using Equation 1 of 40 CFR 60.45Da(a)(5)(i) by calculating the unit emission rate based on the total Hg loading of the unit and the total Btu or megawatts hours contributed by all fuels burned during the compliance period.
Subpart Da. [40 CFR 60.45Da(a)(5)(i)], Phases: Phase II
Phases: Phase II
- 119 Comply with the particulate matter emission standards under 40 CFR 60.42Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II
- 120 Comply with the nitrogen oxides emission standards under 40 CFR 60.44Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II
- 121 Comply with the Hg emission standards under 40 CFR 60.45Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II
Phases: Phase II
- 122 During emergency conditions in the principal company, do not operate an affected facility with a malfunctioning flue gas desulfurization system unless sulfur dioxide emissions are minimized in accordance with the requirements of 60.46Da(d)(1) through (d)(3). Subpart Da. [40 CFR 60.48Da(d)], Phases: Phase II
Phases: Phase II
- 123 Show compliance with the sulfur dioxide standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate and percent reduction. Subpart Da. [40 CFR 60.48Da(e)], Phases: Phase II
Phases: Phase II
- 124 Show compliance with the nitrogen oxides standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate. Subpart Da. [40 CFR 60.48Da(e)], Phases: Phase II
Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

3A - CFB Boiler Unit 3A**EQT011**

- 125 Schedule the initial performance test so that the first boiler operating day of the 30 successive boiler operating days is completed within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of the facility. Subpart Da. [40 CFR 60.48Da(f)], Phases: Phase II
 Phases: Phase II
- 126 Determine compliance with the SO₂ and NO_x emission standards by calculating the arithmetic average of all hourly emission rates for SO₂ and NO_x for the 30 successive boiler operating days, except for data obtained during startup, shutdown, malfunction (NO_x only), or emergency conditions (SO₂ only). Subpart Da. [40 CFR 60.48Da(g)(1)], Phases: Phase II
 Phases: Phase II
- 127 Determine compliance with particulate matter emission limitations by calculating the arithmetic average of all hourly emission rates for particulate matter each boiler operating day, except for data obtained during startup, shutdown, and malfunction. Subpart Da. [40 CFR 60.48Da(g)(3)], Phases: Phase II
 Phases: Phase II
- 128 Calculate the Hg emission rate (lb/MWh) for each calendar month of the year, using hourly Hg concentrations measured according to the provisions of 40 CFR 60.49Da(p) in conjunction with hourly stack gas volumetric flow rates measured according to the provisions of 40 CFR 60.49Da(l) or (m), and hourly gross electrical outputs, determined according to the provisions in 40 CFR 60.49Da(k). Subpart Da. [40 CFR 60.48Da(l)], Phases: Phase II
 Phases: Phase II
- 129 Opacity monitored by continuous opacity monitor (COM) continuously, except as provided for in 40 CFR 60.49Da(t) and (u). If opacity interference due to water droplets exists in the stack, monitor opacity upstream of the interference (at the inlet to the FGD system). If opacity interference is experienced at all locations, monitor alternate parameters indicative of the particulate matter control system's performance (subject to the approval of DEQ). Subpart Da. [40 CFR 60.49Da(a)]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
- 130 Opacity recordkeeping by electronic or hard copy continuously, except as provided for in 40 CFR 60.49Da(t) and (u). Subpart Da. [40 CFR 60.49Da(a)]
 Phases: Phase II
- 131 Sulfur dioxide monitored by CMS continuously. Monitor at the outlet of the sulfur dioxide control device. Subpart Da. [40 CFR 60.49Da(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
- 132 Sulfur dioxide recordkeeping by electronic or hard copy continuously. Subpart Da. [40 CFR 60.49Da(b)]
 Phases: Phase II
- 133 Nitrogen oxides monitored by CMS continuously. Subpart Da. [40 CFR 60.49Da(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
- 134 Nitrogen oxides recordkeeping by electronic or hard copy continuously. Subpart Da. [40 CFR 60.49Da(c)]
 Phases: Phase II
- 135 Oxygen or Carbon dioxide monitored by CMS continuously. Monitor the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored. Subpart Da. [40 CFR 60.49Da(d)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
- 136 Oxygen or Carbon dioxide recordkeeping by electronic or hard copy continuously. Record the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored. Subpart Da. [40 CFR 60.49Da(d)]
 Phases: Phase II
- 137 Obtain emission data for at least 90 percent of all operating hours for each 30 successive boiler operating days. If this minimum data requirement cannot be met with a continuous monitoring system, supplement emission data with other monitoring systems approved by DEQ or the reference methods and procedures as described in 40 CFR 60.49Da(h). Subpart Da. [40 CFR 60.49Da(f)(2)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS**A IID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant****Activity Number: PER20020006****Permit Number: 2520-00009-V1****Air - Title V Regular Permit Major Mod****EQT011 3A - CFB Boiler Unit 3A**

- 138 Mercury monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of Hg in the exhaust gases from each stack according to the requirements in 40 CFR 60.49Da(p)(1) through (3). Subpart Da. [40 CFR 60.49Da(p)]
Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
- 139 Mercury recordkeeping by electronic or hard copy continuously. Record the concentration of Hg in the exhaust gases from each stack according to the requirements in 40 CFR 60.49Da(p)(1) through (3). Subpart Da. [40 CFR 60.49Da(p)]
Phases: Phase II
- 140 Submit plan: Due to DEQ for approval of a unit-specific monitoring plan for each monitoring system, at least 45 days before commencing certification testing of the monitoring systems. Address in the plan the requirements in 40 CFR 60.49Da(s)(1) through (6). Subpart Da. [40 CFR 60.49Da(s)], Phases: Phase II
Phases: Phase II
- 141 Use as reference methods and procedures the methods specified in 40 CFR 60Da, Appendix A or the methods and procedures as specified in 40 CFR 60.50Da, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart Da. [40 CFR 60.50Da(a)], Phases: Phase II
Phases: Phase II
- 142 Determine compliance with the particulate matter standards in 40 CFR 60.42Da using the methods and procedures specified in 40 CFR 60.50Da(b)(1) through (b)(3). Subpart Da. [40 CFR 60.50Da(b)], Phases: Phase II
Phases: Phase II
- 143 Determine compliance with the sulfur dioxide standards in 40 CFR 60.43Da using the methods and procedures specified in 40 CFR 60.50Da(c)(1) through (c)(5). Subpart Da. [40 CFR 60.50Da(c)], Phases: Phase II
Phases: Phase II
- 144 Determine compliance with the nitrogen oxides standard in 40 CFR 60.44Da using the methods and procedures specified in 40 CFR 60.50Da(d)(1) and (d)(2). Subpart Da. [40 CFR 60.50Da(d)], Phases: Phase II
Phases: Phase II
- 145 Use the procedures in 40 CFR 60.50Da(g)(1) through (2) to calculate emission rates based on electrical output to the grid plus half of the equivalent electrical energy in the unit's process stream, for the purposes of determining compliance with the emission limits in 40 CFR 60.45Da and 60.46Da. Subpart Da. [40 CFR 60.50Da(g)], Phases: Phase II
Phases: Phase II
- 146 Determine compliance with the Hg limit in 40 CFR 60.45Da using the procedures specified in 40 CFR 60.50Da(h)(1) through (h)(3). Subpart Da. [40 CFR 60.50Da(h)], Phases: Phase II
Phases: Phase II
- 147 Submit the performance test data from the initial performance test and from the performance evaluation of the continuous monitors (including the transmissometer). Subpart Da.
[40 CFR 60.51Da(a)], Phases: Phase II
Phases: Phase II
- 148 Submit the information specified in 40 CFR 60.51Da(b)(1) through (b)(9) for each 24-hour period. Subpart Da.
[40 CFR 60.51Da(b)], Phases: Phase II
Phases: Phase II
- 149 Submit report: Due semiannually for each six-month period. If the minimum quantity of emission data as required by 40 CFR 60.49Da is not obtained for any 30 successive boiler operating days, report the information specified in 40 CFR 60.51Da(c)(1) through (c)(5), obtained under the requirements of 40 CFR 60.48Da(h), for that 30-day period.
Subpart Da. [40 CFR 60.51Da(c)], Phases: Phase II
Phases: Phase II

SPECIFIC REQUIREMENTS

AIID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2002006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

3A - CFB Boiler Unit 3A**EQT011**

- 150 Submit a signed statement if any standards under 40 CFR 60.43Da are exceeded during emergency conditions because of control system malfunction. Indicate if emergency conditions existed and requirements under 40 CFR 60.48Da(d) were met during each period. List the time periods the emergency condition existed; the electrical output and demand on the electric utility system and the affected facility; the amount of power purchased from interconnected neighboring utility companies during the emergency period; the percent reduction in emissions achieved; the atmospheric emission rate (ng/J) of the pollutant discharged; and the actions taken to correct control system malfunction. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(d)], Phases: Phase II
- 151 Submit a signed statement indicating if any changes were made in operation of the emission control system during periods of data unavailability, for any periods for which opacity, sulfur dioxide or nitrogen oxides emissions data are not available. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(f)], Phases: Phase II
- 152 Submit report: Due semiannually for each six-month period. Submit the information specified in 40 CFR 60.51Da(g)(1) through (5). Subpart Da. [40 CFR 60.51Da(g)], Phases: Phase II
- 153 Submit a signed statement indicating whether the required continuous monitoring system calibration, span, and drift checks or other periodic audits have or have not been performed as specified; the data used to show compliance was or was not obtained in accordance with approved methods and procedures of 40 CFR 60 and is representative of plant performance; the minimum data requirements have not been met; or, the minimum data requirements have not been met for errors that were unavoidable; and compliance with the standards has or has not been achieved during the reporting period. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(h)], Phases: Phase II
- 154 Submit excess emissions report: Due quarterly. Submit opacity levels in excess of the applicable opacity standard and the date of such excesses. Subpart Da. [40 CFR 60.51Da(i)], Phases: Phase II
- 155 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Provide notifications in accordance with 40 CFR 60.7(a). Subpart Da. [40 CFR 60.52Da]
- 156 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of all information needed to demonstrate compliance including performance tests, monitoring data, fuel analyses, and calculations, consistent, with the requirements of 40 CFR 60.7(f). Subpart Da. [40 CFR 60.52Da]
- 157 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)], Phases: Phase II
- 158 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)], Phases: Phase II
- 159 Equipment/operational data monitored by technically sound method continuously. Monitor the opacity of the emissions and the differential pressure across the fabric filters. [40 CFR 64.6(c)(1)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

EQT011 3A - CFB Boiler Unit 3A

- 160 An excursion or exceedance is defined as an opacity reading or a differential pressure reading that falls outside of the indicator range established in the initial performance test. [40 CFR 64.6(c)(2)], Phases: Phase II
 Phases: Phase II
- 161 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)], Phases: Phase II
 Phases: Phase II
- 162 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the opacity of the emissions and the differential pressure across the fabric filters. [40 CFR 64.6(c)(4)]
 Phases: Phase II
- 163 Schedule for installation, testing or final verification of operational status: Permittee shall install a continuous opacity monitoring system (COMS) and differential pressure gauges on the baghouse that controls particulate matter emissions from this source. Upon initial startup, permittee shall conduct a performance test to determine the indicator ranges for both the COMS and the differential pressure gauges that show compliance with the applicable particulate matter limitations. During the performance test, this source shall fire the worst case fuel configuration for the generation of particulate matter. [40 CFR 64.6(d)], Phases: Phase II
 Phases: Phase II
- 164 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)], Phases: Phase II
 Phases: Phase II
- 165 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)], Phases: Phase II
 Phases: Phase II
- 166 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)], Phases: Phase II
 Phases: Phase II
- 167 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)], Phases: Phase II
 Phases: Phase II
- 168 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the particulate matter emission limitation for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
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 Air - Title V Regular Permit Major Mod

EQT011 3A - CFB Boiler Unit 3A

169 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)], Phases: Phase II

Phases: Phase II
 170 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
 Phases: Phase II

171 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
 Phases: Phase II
 172 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)], Phases: Phase II
 Phases: Phase II

EQT012 3B - CFB Boiler Unit 3B

173 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

174 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

175 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F. [LAC 33:III.1511.A]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

176 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

Phases: Phase II

177 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:III.Chapter 39. [LAC 33:III.1513], Phases: Phase II
 33:III.Chapter 15. [LAC 33:III.1513], Phases: Phase II

Phases: Phase II

178 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:III.Chapter 39. [LAC 33:III.1513], Phases: Phase II

Phases: Phase II

179 Nitrogen oxides <= 0.07 lb/MMBTU. [LAC 33:III.501.C.6]

Which Months: All Year Phases: Phase II Statistical Basis: Annual average

180 Particulate matter (10 microns or less) <= 0.011 lb/MMBTU. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average

181 Permittee shall utilize circulating fluidized bed technology in conjunction with a fabric filter in order to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II

Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
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 Air - Title V Regular Permit Major Mod

EQT012 3B - CFB Boiler Unit 3B

- 182 Sulfur dioxide <= 0.15 lb/MMBTU. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 183 Permittee shall utilize circulating fluidized bed technology in conjunction with limestone injection and a flue gas desulfurization device in order to control emissions of sulfur dioxide. Determined as BACT. [LAC 33:III.509], Phases: Phase II
- 184 Permittee shall utilize circulating fluidized bed technology in conjunction with good combustion practices in order to control emissions of volatile organic compounds and carbon monoxide. Determined as BACT. [LAC 33:III.509], Phases: Phase II
- 185 Permittee shall utilize circulating fluidized bed technology in conjunction with a flue gas desulfurization device and a fabric filter in order to control emissions of hydrogen fluoride and sulfuric acid. Determined as BACT. [LAC 33:III.509], Phases: Phase II
- 186 Carbon monoxide <= 0.10 lb/MMBTU. This limit shall apply when the steam production output of this source is greater than or equal to 60% of its capacity. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 187 Carbon monoxide <= 0.15 lb/MMBTU. This limit shall apply when the steam production output of this source is less than 60% of its capacity. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 188 Sulfuric acid <= 0.0012 lb/MMBTU. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 189 VOC, Total <= 0.0047 lb/MMBTU. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 190 Permittee shall conduct a performance test to determine the steam production output that corresponds to the transition point below which the boilers produce more carbon monoxide. Permittee shall submit, within 180 days of the completion of the performance test, a permit modification to incorporate this steam production rate into the permit. [LAC 33:III.509], Phases: Phase II
- 191 Particulate matter (10 microns or less) <= 0.015 lb/MMBTU. This limitation shall apply during the first twelve months of operation of this source and, during that time, shall supersede any other BACT emissions limitation for particulate matter. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 192 Sulfur dioxide <= 0.20 lb/MMBTU. This limitation shall apply during the first twelve months of operation of this source and, during that time, shall supersede any other BACT emissions limitation for sulfur dioxide. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 193 Carbon monoxide <= 0.15 lb/MMBTU. This limitation shall apply during the first twelve months of operation of this source and, during that time, shall supersede any other BACT emissions limitation for carbon monoxide. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 194 VOC, Total <= 0.0070 lb/MMBTU. This limitation shall apply during the first twelve months of operation of this source and, during that time, shall supersede any other BACT emissions limitation for volatile organic compounds. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 195 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.509], Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

3B - CFB Boiler Unit 3B**EQT012**

- 196 Conduct a performance/emissions test: Due within [80 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.9.13, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II]
- 197 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.509]. Phases: Phase II
- 198 Hydrofluoric acid <= 0.00084 lb/MMBTU. [LAC 33:III.509]
 Which Months: All Year Statistical Basis: Thirty-day rolling average
 Phases: Phase II
- 199 At no time and under no circumstances shall this unit be operated concurrently with EQT 7. [LAC 33:III.509]. Phases: Phase II
- 200 Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. Subpart Da. [40 CFR 60.42Da(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Phases: Phase II
- 201 On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with one (1) of the applicable emissions limitations for particulate matter stated in 40 CFR 60.42Da. Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. [40 CFR 60.42Da], Phases: Phase II
 Phases: Phase II
- 202 On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with one (1) of the applicable emissions limitations for sulfur dioxide stated in 40 CFR 60.43Da. Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. [40 CFR 60.43Da(j)], Phases: Phase II
 Phases: Phase II
- 203 Nitrogen oxides <= 1.0 lb/MWh (130 ng/J) Gross electrical output. Subpart Da. [40 CFR 60.44Da(e)(1)]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
 Phases: Phase II
- 204 On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with one (1) of the applicable emissions limitations for nitrogen oxides stated in 40 CFR 60.44Da. Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. [40 CFR 60.44Da], Phases: Phase II
 Phases: Phase II
- 205 Mercury: Permittee shall calculate the appropriate emissions limitation in accordance with 40 CFR 60.45Da(a)(5)(i) and shall comply with the resulting limitation. Compliance with this limitation shall be determined on a twelve month rolling average in accordance with 40 CFR 60.50Da(h). [40 CFR 60.45Da(a)(5)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
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Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

3B - CFB Boiler Unit 3B

- EQT012**
- 206 Do not discharge into the atmosphere any gases from a new affected source that contain Hg in excess of the computed weighted Hg emissions limit based on the proportion of energy output (in British thermal units, Btu) contributed by each coal rank burned during the compliance period and its applicable Hg emissions limit in 40 CFR 60.45Da(a)(1) through (4) as determined using Equation 1 of 40 CFR 60.45Da(a)(5)(i). Meet the weighted Hg emissions limit calculated using Equation 1 of 40 CFR 60.45Da(a)(5)(i) by calculating the unit emission rate based on the total Hg loading of the unit and the total Btu or megawatts hours contributed by all fuels burned during the compliance period. Subpart Da. [40 CFR 60.45Da(a)(5)]. Phases: Phase II
 Phases: Phase II
- 207 Comply with the particulate matter emission standards under 40 CFR 60.42Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II
 Phases: Phase II
- 208 Comply with the nitrogen oxides emission standards under 40 CFR 60.44Da at all times except during periods of startup, shutdown, and malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II
 Phases: Phase II
- 209 Comply with the Hg emission standards under 40 CFR 60.45Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II
 Phases: Phase II
- 210 During emergency conditions in the principal company, do not operate an affected facility with a malfunctioning flue gas desulfurization system unless sulfur dioxide emissions are minimized in accordance with the requirements of 60.46Da(d)(1) through (d)(3). Subpart Da. [40 CFR 60.48Da(d)], Phases: Phase II
 Phases: Phase II
- 211 Show compliance with the sulfur dioxide standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate and percent reduction. Subpart Da. [40 CFR 60.48Da(e)], Phases: Phase II
 Phases: Phase II
- 212 Show compliance with the nitrogen oxides standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate. Subpart Da. [40 CFR 60.48Da(e)], Phases: Phase II
 Phases: Phase II
- 213 Schedule the initial performance test so that the first boiler operating day of the 30 successive boiler operating days is completed within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of the facility. Subpart Da. [40 CFR 60.48Da(f)], Phases: Phase II
 Phases: Phase II
- 214 Calculate the Hg emission rate (lb/MWh) for each calendar month of the year, using hourly Hg concentrations measured according to the provisions of 40 CFR 60.49Da(p) in conjunction with hourly stack gas volumetric flow rates measured according to the provisions of 40 CFR 60.49Da(l) or (m), and hourly gross electrical outputs, determined according to the provisions in 40 CFR 60.49Da(k). Subpart Da. [40 CFR 60.48Da(l)], Phases: Phase II
 Phases: Phase II
- 215 Determine compliance with the SO₂ and NO_x emission standards by calculating the arithmetic average of all hourly emission rates for SO₂ and NO_x for the 30 successive boiler operating days, except for data obtained during startup, shutdown, malfunction (NO_x only), or emergency conditions (SO₂ only). Subpart Da. [40 CFR 60.48Da(q)(1)], Phases: Phase II
 Phases: Phase II
- 216 Determine compliance with particulate matter emission limitations by calculating the arithmetic average of all hourly emission rates for particulate matter each boiler operating day, except for data obtained during startup, shutdown, and malfunction. Subpart Da. [40 CFR 60.48Da(q)(3)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

3B - CFB Boiler Unit 3B

- EQT012**
- 217 Opacity monitored by continuous opacity monitor (COM) continuously, except as provided for in 40 CFR 60.49Da(t) and (u). If opacity interference due to water droplets exists in the stack, monitor opacity upstream of the interference (at the inlet to the FGD system). If opacity interference is experienced at all locations, monitor alternate parameters indicative of the particulate matter control system's performance (subject to the approval of DEQ). Subpart Da. [40 CFR 60.49Da(a)]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
- 218 Opacity recordkeeping by electronic or hard copy continuously, except as provided for in 40 CFR 60.49Da(t) and (u). Subpart Da. [40 CFR 60.49Da(a)]
 Phases: Phase II
- 219 Sulfur dioxide monitored by CMS continuously. Monitor at the outlet of the sulfur dioxide control device. Subpart Da. [40 CFR 60.49Da(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
- 220 Sulfur dioxide recordkeeping by electronic or hard copy continuously. Subpart Da. [40 CFR 60.49Da(b)]
 Phases: Phase II
- 221 Nitrogen oxides recordkeeping by electronic or hard copy continuously. Subpart Da. [40 CFR 60.49Da(c)]
 Phases: Phase II
- 222 Oxygen or Carbon dioxide monitored by CMS continuously. Monitor the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored. Subpart Da. [40 CFR 60.49Da(d)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
- 223 Oxygen or Carbon dioxide recordkeeping by electronic or hard copy continuously. Record the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored. Subpart Da. [40 CFR 60.49Da(d)]
 Phases: Phase II
- 224 Obtain emission data for at least 90 percent of all operating hours for each 30 successive boiler operating days. If this minimum data requirement cannot be met with a continuous monitoring system, supplement emission data with other monitoring systems approved by DEQ or the reference methods and procedures as described in 40 CFR 60.49Da(h). Subpart Da. [40 CFR 60.49Da(f)(2)], Phases: Phase II
- 225 Mercury monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of Hg in the exhaust gases from each stack according to the requirements in 40 CFR 60.49Da(p)(1) through (3). Subpart Da. [40 CFR 60.49Da(p)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
- 226 Mercury recordkeeping by electronic or hard copy continuously. Record the concentration of Hg in the exhaust gases from each stack according to the requirements in 40 CFR 60.49Da(p)(1) through (3). Subpart Da. [40 CFR 60.49Da(p)]
 Phases: Phase II
- 227 Submit plan: Due to DEQ for approval of a unit-specific monitoring plan for each monitoring system, at least 45 days before commencing certification testing of the monitoring systems. Address in the plan the requirements in 40 CFR 60.49Da(s)(1) through (6). Subpart Da. [40 CFR 60.49Da(s)], Phases: Phase II
- 228 Use as reference methods and procedures the methods specified in 40 CFR 60Da, Appendix A or the methods and procedures as specified in 40 CFR 60.50Da, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart Da. [40 CFR 60.50Da(a)], Phases: Phase II
- 229 Determine compliance with the particulate matter standards in 40 CFR 60.42Da using the methods and procedures specified in 40 CFR 60.50Da(b)(1) through (b)(3). Subpart Da. [40 CFR 60.50Da(b)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

EQT012 3B - CFB Boiler Unit 3B

- 230 Determine compliance with the sulfur dioxide standards in 40 CFR 60.43Da using the methods and procedures specified in 40 CFR 60.50Da(c)(1) through (c)(5). Subpart Da.
 [40 CFR 60.50Da(c)], Phases: Phase II
- Phases: Phase II
- 231 Determine compliance with the nitrogen oxides standard in 40 CFR 60.44Da using the methods and procedures specified in 40 CFR 60.50Da(d)(1) and (d)(2). Subpart Da. [40 CFR 60.50Da(d)], Phases: Phase II
- Phases: Phase II
- 232 Determine compliance with the Hg limit in 40 CFR 60.45Da using the procedures specified in 40 CFR 60.50Da(h)(1) through (h)(3). Subpart Da. [40 CFR 60.50Da(h)], Phases:
 Phase II
- Phases: Phase II
- 233 Use the procedures in 40 CFR 60.50Da(g)(1) through (2) to calculate emission rates based on electrical output to the grid plus half of the equivalent electrical energy in the unit's process stream, for the purposes of determining compliance with the emission limits in 40 CFR 60.45Da and 60.46Da. Subpart Da. [40 CFR 60.50Da(q)], Phases: Phase II
- Phases: Phase II
- 234 Submit report: Due semiannually for each six-month period. If the minimum quantity of emission data as required by 40 CFR 60.49Da is not obtained for any 30 successive boiler operating days, report the information specified in 40 CFR 60.51Da(c)(1) through (c)(5), obtained under the requirements of 40 CFR 60.48Da(h), for that 30-day period. Subpart Da. [40 CFR 60.51DA(C)], Phases: Phase II
- Phases: Phase II
- 235 Submit a signed statement if any standards under 40 CFR 60.43Da are exceeded during emergency conditions because of control system malfunction. Indicate if emergency conditions existed and requirements under 40 CFR 60.48Da(d) were met during each period. List the time periods the emergency condition existed; the electrical output and demand on the electric utility system and the affected facility; the amount of power purchased from interconnected neighboring utility companies during the emergency period; the percent reduction in emissions achieved; the atmospheric emission rate (ng/J) of the pollutant discharged; and the actions taken to correct control system malfunction. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(D)], Phases: Phase II
- Phases: Phase II
- 236 Submit the performance test data from the initial performance test and from the performance evaluation of the continuous monitors (including the transmissometer). Subpart Da.
 [40 CFR 60.51Data]], Phases: Phase II
- Phases: Phase II
- 237 Submit the information specified in 40 CFR 60.51Da(b)(1) through (b)(9) for each 24-hour period. Subpart Da.
 [40 CFR 60.51Da(b)], Phases: Phase II
- Phases: Phase II
- 238 Submit a signed statement indicating if any changes were made in operation of the emission control system during periods of data unavailability, for any periods for which opacity, sulfur dioxide or nitrogen oxides emissions data are not available. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(f)], Phases: Phase II
- Phases: Phase II
- 239 Submit report: Due semiannually for each six-month period. Submit the information specified in 40 CFR 60.51Da(g)(1) through (5). Subpart Da. [40 CFR 60.51Da(g)],
 Phases: Phase II
- Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

EQT012 3B - CFB Boiler Unit 3B

- 240 Submit a signed statement indicating whether the required continuous monitoring system calibration, span, and drift checks or other periodic audits have or have not been performed as specified; the data used to show compliance was or was not obtained in accordance with approved methods and procedures of 40 CFR 60 and is representative of plant performance; the minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable; and compliance with the standards has or has not been achieved during the reporting period. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(h)], Phases: Phase II
- Phases: Phase II
- 241 Submit excess emissions report: Due quarterly. Submit opacity levels in excess of the applicable opacity standard and the date of such excesses. Subpart Da. [40 CFR 60.51Da(i)], Phases: Phase II
- Phases: Phase II
- 242 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Provide notifications in accordance with 40 CFR 60.7(a). Subpart Da. [40 CFR 60.52Da]
- Phases: Phase II
- 243 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of all information needed to demonstrate compliance including performance tests, monitoring data, fuel analyses, and calculations, consistent, with the requirements of 40 CFR 60.7(f). Subpart Da. [40 CFR 60.52Da]
- Phases: Phase II
- 244 Nitrogen oxides monitored by CMS continuously. Subpart Da. [40 CFR 60.Da(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)], Phases: Phase II
- Phases: Phase II
- 246 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)], Phases: Phase II
- Phases: Phase II
- 247 Equipment/operational data monitored by technically sound method continuously. Monitor the opacity of the emissions and the differential pressure across the fabric filters. [40 CFR 64.6(c)(1)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 An excursion or exceedance is defined as an opacity reading or a differential pressure reading that falls outside of the indicator range established in the initial performance test. [40 CFR 64.6(c)(2)], Phases: Phase II
- Phases: Phase II
- 248 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)], Phases: Phase II
- Phases: Phase II
- 249 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the opacity of the emissions and the differential pressure across the fabric filters. [40 CFR 64.6(c)(4)]
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

EQT012 3B - CFB Boiler Unit 3B

- 251 Schedule for installation, testing or final verification of operational status: Permittee shall install a continuous opacity monitoring system (COMS) and differential pressure gauges on the baghouse that controls particulate matter emissions from this source. Upon initial startup, permittee shall conduct a performance test to determine the indicator ranges for both the COMS and the differential pressure gauges that show compliance with the applicable particulate matter limitations. During the performance test, this source shall fire the worst case fuel configuration for the generation of particulate matter. [40 CFR 64.6(d)], Phases: Phase II
- Phases: Phase II
- 252 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)], Phases: Phase II
- Phases: Phase II
- 253 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)], Phases: Phase II
- Phases: Phase II
- 254 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)], Phases: Phase II
- Phases: Phase II
- 255 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)], Phases: Phase II
- Phases: Phase II
- 256 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the particulate matter emission limitation for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)], Phases: Phase II
- Phases: Phase II
- 257 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)], Phases: Phase II
- Phases: Phase II
- 258 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- Phases: Phase II
- 259 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

EQT012 3B - CFB Boiler Unit 3B

260 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)], Phases: Phase II
Phases: Phase II

EQT014 AC2 - Activated Carbon Silo #2

261 Particulate matter (10 microns or less) \geq 99.5 % removal efficiency from filter manufacturer's certification. [LAC 33:III.509]
Which Months: All Year Phases: Phase II Statistical Basis: None specified

EQT018 CT1 - Cooling Tower

262 Permittee shall install a drift eliminator on the Cooling Tower (EQT 18) with a 99.999 percent control efficiency. Determined as BACT. [LAC 33:III.509]

EQT020 BA1C - Bed Ash Silos - Bin Vent Filter System

263 Particulate matter (10 microns or less) \geq 99 % removal efficiency from filter manufacturer's certification. [LAC 33:III.509]
Which Months: All Year Phases: Phase II Statistical Basis: None specified

FUG004 BA4 - Bed Ash Unloading to Landfill

264 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

265 Permittee shall utilize best operating practices in order to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II
Phases: Phase II

FUG009 FA4 - Fly Ash Unloading to Landfill

266 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

267 Permittee shall utilize best operating practices in order to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II
Phases: Phase II

FUG010 FUG1 - Raw Material Handling Conveyors

268 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

269 Permittee shall cover all conveyors with wind screens and shall use wet suppression in order to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509],
Phases: Phase II
Phases: Phase II

FUG015 FUG6 - Haul Road Fugitive Dust Emissions

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
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FUG015 FUG6 - Haul Road Fugitive Dust Emissions

- 270 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 271 Permittee shall pave all roads constructed at this facility as a result of this project. Permittee shall apply a dust suppressant to any unpaved roads that experience traffic from material handling operations. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II

FUG017 TP1 - Transfer Point - Barge Unloader

- 272 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 273 Permittee shall use wet suppression in conjunction with wind screens to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II
- 274 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 275 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
 Phases: Phase II
- 276 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)], Phases: Phase II
- 277 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 278 Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
 Phases: Phase II
- 279 Do not discharge into the atmosphere any visible emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(1)], Phases: Phase II
 Phases: Phase II
- 280 Do not discharge into the atmosphere any visible emissions from screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(2)], Phases: Phase II
 Phases: Phase II
- 281 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

FUG017 TP1 - Transfer Point - Barge Unloader

- 282 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 283 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
 Phases: Phase II
- 284 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
 Phases: Phase II
- 285 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II
 Phases: Phase II
- 286 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
 Phases: Phase II

FUG018 TP2 - Transfer Point - Unloading Hopper to Barge Unloading Conveyor

- 287 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33.III.1311.C]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 288 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. [LAC 33.III.509], Phases: Phase II
 Phases: Phase II
- 289 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 290 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
 Phases: Phase II
- 291 Determine compliance with particulate matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)], Phases: Phase II
- 292 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 293 Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS**AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant****Activity Number: PER20020006****Permit Number: 2520-00009-Y1****Air - Title V Regular Permit Major Mod****FUG018 TP2 - Transfer Point - Unloading Hopper to Barge Unloading Conveyor**

294 Do not discharge into the atmosphere any visible emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(1)], Phases: Phase II

Phases: Phase II

295 Do not discharge into the atmosphere any visible emissions from screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(2)], Phases: Phase II

Phases: Phase II

296 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II

Phases: Phase II

297 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

298 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]

Phases: Phase II

299 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

Phases: Phase II

300 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II

301 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(j)(1)], Phases: Phase II

Phases: Phase II

FUG019 TP3 - Transfer Point - Barge Unloading Conveyor to Unloading Transfer Conveyor

302 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

303 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II

Phases: Phase II

304 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

FUG019 Transfer Point - Barge Unloading Conveyor to Unloading Transfer Conveyor

305 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II

Phases: Phase II

306 Determine compliance with particulate matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)], Phases: Phase II

Phases: Phase II

307 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

308 Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
 Phases: Phase II

309 Do not discharge into the atmosphere any visible emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(1)], Phases: Phase II
 Phases: Phase II

310 Do not discharge into the atmosphere any visible emissions from screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(2)], Phases: Phase II
 Phases: Phase II

311 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
 Phases: Phase II

312 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

313 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
 Phases: Phase II

314 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
 Phases: Phase II

315 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

FUG019 TP3 - Transfer Point - Barge Unloading Conveyor to Unloading Transfer Conveyor

316 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(j)(1)], Phases: Phase II
 Phases: Phase II

FUG020 TP4 - Transfer Point - Unloading Transfer Conveyor to the Storage Container

317 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33.III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

318 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. [LAC 33.III.509], Phases: Phase II
 Phases: Phase II

319 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

320 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
 Phases: Phase II

321 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)],
 Phases: Phase II
 Phases: Phase II

322 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
 Phases: Phase II

323 Do not discharge into the atmosphere any visible emissions from wet screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(1)], Phases: Phase II
 Phases: Phase II

324 Do not discharge into the atmosphere any visible emissions from screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(2)], Phases: Phase II
 Phases: Phase II

325 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

FUG020 TP4 - Transfer Point - Unloading Transfer Conveyor to the Storage Container

- 327 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 328 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
 Phases: Phase II

- 329 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)] Phases: Phase II

- 330 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 2/2 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)] Phases: Phase II

- 331 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
 Phases: Phase II

FUG021 TP5 - Transfer Point - Storage Conveyor to Stacker Conveyor

- 332 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33.III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

333 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. [LAC 33.III.509], Phases: Phase II

- 334 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

- 335 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
 Phases: Phase II

- 336 Determine compliance with particulate matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)],
 Phases: Phase II
 Phases: Phase II

- 337 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

- 338 Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

FUG021 TP5 - Transfer Point - Storage Conveyor to Stacker Conveyor

339 Do not discharge into the atmosphere any visible emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(1)], Phases: Phase II

340 Do not discharge into the atmosphere any visible emissions from screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(n)(2)], Phases: Phase II

341 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II

Phases: Phase II

342 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

343 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4).

Subpart OOO. [40 CFR 60.675(c)]

Phases: Phase II

344 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

Phases: Phase II

345 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II

346 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II

FUG022 TP6 - Transfer Point - Stacker Conveyor to Storage Piles

347 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

348 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II

Phases: Phase II

349 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant.

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

FUG022 TP6 - Transfer Point - Stacker Conveyor to Storage Piles

350 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II

Phases: Phase II

351 Determine compliance with particulate matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)], Phases: Phase II

Phases: Phase II

352 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

353 Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II

Phases: Phase II

354 Do not discharge into the atmosphere any visible emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(1)], Phases: Phase II

Phases: Phase II

355 Do not discharge into the atmosphere any visible emissions from screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(2)], Phases: Phase II

Phases: Phase II

356 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II

Phases: Phase II

357 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

358 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]

Phases: Phase II

359 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

Phases: Phase II

360 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

FUG022 TP6 - Transfer Point - Stacker Conveyor to Storage Piles

361 Submit notification. Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
 Phases: Phase II

FUG023 TP7A - Transfer Point - Petroleum Coke Reclaim from Storage Piles

362 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 363 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II

FUG024 TP7B - Transfer Point - Coal/Limestone Reclaim from Storage Piles

364 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 365 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II

366 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 367 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
 Phases: Phase II

368 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)],
 Phases: Phase II
 Phases: Phase II

369 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 370 Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
 Phases: Phase II

371 Do not discharge into the atmosphere any visible emissions from wet screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(1)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

FUG024**TP7B - Transfer Point - Coal/Limestone Reclaim from Storage Piles**

372 Do not discharge into the atmosphere any visible emissions from screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(n)(2)], Phases: Phase II

373 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II

374 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
Which Months: All Year Phases: Phase II Statistical Basis: None specified

375 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
Phases: Phase II

376 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
Phases: Phase II

377 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

378 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
Phases: Phase II

FUG025**TP8 - Transfer Point - Emergency Reclaim from Limestone Storage Pile**

379 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1.305.A.1-7. [LAC 33:III.1305], Phases: Phase II
Phases: Phase II

380 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
Phases: Phase II

381 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II
382 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
Which Months: All Year Phases: Phase II Statistical Basis: None specified

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SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

FUG025 TP8 - Transfer Point - Emergency Reclaim from Limestone Storage Pile

- 383 Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
 Phases: Phase II
- 384 Do not discharge into the atmosphere any visible emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(1)], Phases: Phase II
 Phases: Phase II
- 385 Do not discharge into the atmosphere any visible emissions from screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup. Subpart OOO. [40 CFR 60.672(h)(2)], Phases: Phase II
 Phases: Phase II
- 386 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
 Phases: Phase II
- 387 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 388 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4).
 Subpart OOO. [40 CFR 60.675(c)]
 Phases: Phase II
- 389 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
 Phases: Phase II
- 390 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II
 Phases: Phase II
- 391 Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
 Phases: Phase II

FUG026 TP9 - Coke Reclaim Transfer Tower - Dust Collection

- 392 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

FUG026 TP9 - Coke Reclaim Transfer Tower - Dust Collection

393 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

394 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

395 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

396 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33:III.509]
 Phases: Phase II

397 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33:III.509]
 Phases: Phase II

FUG027 TP10 - Coal/Limestone Reclaim Transfer Tower - Dust Collection

398 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

399 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

400 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

401 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

All ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

FUG027 TP10 - Coal/Limestone Reclaim Transfer Tower - Dust Collection

402 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33.III.509]
 Phases: Phase II

403 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33.III.509]

Phases: Phase II

404 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

405 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II

Phases: Phase II

406 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)],

Phases: Phase II

407 Opacity <= 7 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(f)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

408 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

Phases: Phase II

409 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II

FUG028 TP11 - Diverter Transfer Tower - Dust Suppression System

410 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33.III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

411 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT. [LAC 33.III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

412 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT. [LAC 33.III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

FUG028**TP11 - Diverter Transfer Tower - Dust Suppression System**

413 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

414 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33:III.509]

Phases: Phase II
 415 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33:III.509]

Phases: Phase II

416 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

417 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II

Phases: Phase II

418 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)], Phases: Phase II

Phases: Phase II

419 Opacity <= 7 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(f)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

420 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

Phases: Phase II

421 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II

FUG029**TP12 - Crusher Tower - Dust Collection System**

422 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

423 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS**All ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant****Activity Number: PER20020006****Permit Number: 2520-00009-V1****Air - Title V Regular Permit Major Mod****FUG029 TP12 - Crusher Tower - Dust Collection System**

424 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 1.1) and CFB Boiler 3B (EQT 1.2). Determined as BACT. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

425 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

426 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33:III.509]

Phases: Phase II

427 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33:III.509]

Phases: Phase II

428 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

429 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II

Phases: Phase II

430 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)], Phases: Phase II

Phases: Phase II

431 Opacity <= 7 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(f)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

432 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

Phases: Phase II

433 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II

FUG030 TP13 - Transfer Point - Plant Conveyors to Tripper Deck

434 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

FUG030**TP13 - Transfer Point - Plant Conveyors to Tripper Deck**

- 435 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II
- 436 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 437 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
 Phases: Phase II
- 438 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)], Phases: Phase II
 Phases: Phase II
- 439 Opacity <= 7 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(f)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 440 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
 Phases: Phase II
- 441 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
 Phases: Phase II

GRP008**Little Gypsy Electric Generating Plant**

- 442 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]
- 443 Outdoor burning of waste material or other combustible material is prohibited. [LAC 33:III.1109.B]
- 444 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]
- 445 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]
- 446 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]
- 447 Carbon monoxide <= 4482.36 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 448 Nitrogen oxides <= 33057.40 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 449 Particulate matter (10 microns or less) <= 941.80 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

GRP008 Little Gypsy Electric Generating Plant

- 450 Sulfur dioxide <= 10973.02 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 451 VOC, Total <= 298.27 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 452 1,1,1-Trichloroethane <= 0.036 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 453 Benzene <= 0.112 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 454 1,4-Dichlorobenzene <= 0.065 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 455 Formaldehyde <= 7.250 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 456 Naphthalene <= 0.193 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 457 Toluene <= 1.056 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 458 Xylene(mixed isomers) <= 0.017 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 459 n-Hexane <= 95.984 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 460 Ethyl benzene <= 0.010 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 461 Polynuclear Aromatic Hydrocarbons <= 0.713 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 462 Antimony (and compounds) <= 0.767 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 463 Arsenic (and compounds) <= 0.200 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 464 Barium (and compounds) <= 0.500 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 465 Beryllium (Table 51.1) <= 0.085 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 466 Cadmium (and compounds) <= 0.095 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 467 Chromium VI (and compounds) <= 0.034 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 468 Cobalt compounds <= 0.881 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 469 Copper (and compounds) <= 0.282 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

GRP008 Little Gypsy Electric Generating Plant

- 470 Hydrochloric acid <= 52.045 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 471 Lead compounds <= 0.235 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 472 Manganese (and compounds) <= 0.448 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 473 Mercury (and compounds) <= 0.070 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 474 Nickel (and compounds) <= 12.361 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 475 Selenium (and compounds) <= 0.317 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 476 Zinc (and compounds) <= 5.071 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 477 Particulate matter (10 microns or less) <= 519.87 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 478 Sulfur dioxide <= 4443.28 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 479 Nitrogen oxides <= 18832.88 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 480 Carbon monoxide <= 4825.16 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 481 VOC, Total <= 277.45 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 482 Benzene <= 0.986 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 483 Benzyl chloride <= 0.498 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 484 Biphenyl <= 0.002 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 485 Bromoform <= 0.028 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 486 Chlorinated Dibenz-p-Dioxins <= 0.00006 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 487 Chlorinated dibenzofurans <= 0.0002 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 488 alpha-Chloroacetophenone <= 0.006 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 489 Chlorobenzene <= 0.016 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20020006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

GRP008 **Little Gypsy Electric Generating Plant**

- 490 Chloroethane <= 0.030 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 491 Chloroform <= 0.042 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 492 Cumene <= 0.004 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 493 1,2-Dibromoethane < 0.001 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 494 1,4-Dichlorobenzene <= 0.036 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 495 1,2-Dichloroethane <= 0.028 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 496 Dichloromethane <= 0.206 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 497 1,1,1-Trichloroethane <= 0.044 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 498 Ammonia <= 64.552 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 499 Antimony (and compounds) <= 0.016 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 500 Arsenic (and compounds) <= 0.446 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 501 Barium (and compounds) <= 1.869 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 502 Beryllium (Table 51.1) <= 0.070 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 503 Cadmium (and compounds) <= 0.106 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 504 Carbon disulfide <= 0.092 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 505 Chlorine < 0.001 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 507 Cobalt compounds <= 0.088 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 508 Copper (and compounds) <= 0.108 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 509 Hydrochloric acid <= 170.382 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2002006
 Permit Number: 2520-00009-V1
 Air - Title V Regular Permit Major Mod

GRP008**Little Gypsy Electric Generating Plant**

- 510 Lead compounds <= 0.514 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 511 Manganese (and compounds) <= 0.677 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 512 Dimethyl sulfate <= 0.034 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 513 Mercury (and compounds) <= 0.282 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 514 Nickel (and compounds) <= 0.345 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 515 Selenium (and compounds) <= 2.212 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 516 Sulfuric acid <= 28.310 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 517 Zinc (and compounds) <= 0.869 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 518 2,4-Dinitrotoluene < 0.001 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 519 Ethyl benzene <= 0.074 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 520 Formaldehyde <= 5.050 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 521 n-Hexane <= 52.932 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 522 Isophorone <= 0.412 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 523 Methyl Tertiary Butyl Ether <= 0.024 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 524 Methyl bromide <= 0.114 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 525 Methyl chloride <= 0.376 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 526 Methyl ethyl ketone <= 0.278 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 527 Methyl methacrylate <= 0.014 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 528 Monomethyl hydrazine <= 0.120 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 529 Naphthalene <= 0.170 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2002006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

GRP008 Little Gypsy Electric Generating Plant

- 530 Phenol <= 0.012 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 531 Polynuclear Aromatic Hydrocarbons <= 0.614 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 532 Propionaldehyde <= 0.270 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 533 Styrene <= 0.018 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 534 Tetrachloroethylene <= 0.030 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 535 Toluene <= 0.998 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 536 Vinyl acetate <= 0.006 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 537 Xylene (mixed isomers) <= 0.040 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 538 Cyanide compounds <= 1.776 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 539 Hydrofluoric acid <= 5.441 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 540 Hydrofluoric acid <= 19.670 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 541 Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert. [LAC 33:III.5609.A.1.b]
- 542 Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning. [LAC 33:III.5609.A.2.b]
- 543 Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency. [LAC 33:III.5609.A.3.b]
- 544 Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7. [LAC 33:III.5609.A]
- 545 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]
- 546 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 547 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 548 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(B) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]

SPECIFIC REQUIREMENTS

AJ ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

GRP008 Little Gypsy Electric Generating Plant

549 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
 550 Energy Louisiana, Inc.'s Little Gypsy Plant shall secure one allowance for each ton of SO₂ emitted per year. At the end of the year, each used allowance is retired and cannot be used again. EPA will record allowance transfers that are used for compliance and ensure that Little Gypsy Plant's emissions do not exceed the number of allowances it holds via the Allowance Tracking System (ATS). See Subparts C & D of part 73. [40 CFR 72.9(c)(1)(ii)]

GRP009 Acid Rain Requirements

551 The designated representative shall submit a complete Acid Rain permit application (including a compliance plan) in accordance with the deadlines specified in 40 CFR 72.30, a complete reduced utilization plan if required under 40 CFR 72.43, and any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit. [LAC 33:III.505, 40 CFR 72.9(a)(1)]

552 Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority, and have an Acid Rain Permit. [LAC 33:III.505, 40 CFR 72.9(a)(2)]

553 Comply with the monitoring requirements as provided in 40 CFR 75. [LAC 33:III.505, 40 CFR 72.9(b)]

554 The owners and operators shall hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit and comply with the applicable Acid Rain emissions limitation for sulfur dioxide. [LAC 33:III.505, 40 CFR 72.9(a)(2)]

555 An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated. [LAC 33:III.505, 40 CFR 72.9(c)(5)]

556 The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(1)]

557 The owners and operators of an affected unit that has excess emissions in any calendar year shall pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR 77, and comply with the terms of an approved offset plan, as required by 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(2)]
 558 Keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing, by the Administrator or permitting authority.

1.) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24, provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.

2.) All emissions monitoring information, in accordance with 40 CFR 75, provided that to the extent that part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.

3.) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.

4.) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [LAC 33:III.505, 40 CFR 72.9(l)(1)]

559 The designated representative shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 75 and Subpart I of 40 CFR 72. [LAC 33:III.505, 40 CFR 72.9(l)(2)]

560 To determine NOX emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a NOX-diluent continuous emission monitoring system (consisting of a NOX pollutant concentration monitor and an O₂ or CO₂ diluent gas monitor) with an automated data acquisition and handling system for measuring and recording NOX concentration (in ppm), O₂ or CO₂ concentration (in percent O₂ or CO₂), and NOX emission rate (in lb/mmBtu) discharged to the atmosphere, except as provided in 40 CFR 75.12 and 75.17 and subpart E of 40 CFR 75. The owner or operator shall account for total NOX emissions, both NO and NO₂, either by monitoring for both NO and NO₂ or by monitoring for NO only and adjusting the emissions data to account for NO₂. [40 CFR 75.10(a)(2)]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2002006
Permit Number: 2520-00009-V1
Air - Title V Regular Permit Major Mod

GRP009 Acid Rain Requirements

561 Determine CO2 emissions by using one of the options in 40 CFR 75.10(a)(3)(i), (ii), or (iii), except as provided in 40 CFR 75.13 and subpart E of 40 CFR 75. [40 CFR 75.10(a)(3)]

562 The owner or operator shall ensure that each continuous emission monitoring system meets the equipment, installation, and performance specifications in appendix A to 40 CFR 75; and is maintained according to the quality assurance and quality control procedures in appendix B to 40 CFR 75; and shall record SO2 and NOX emissions in the appropriate units of measurement (i.e., lb/hr for SO2 and lb/MM Btu for NOX). [40 CFR 75.10(b)]

563 The owner or operator shall determine and record the heat input rate, in units of MM Btu/hr, to each affected unit for every hour or part of an hour any fuel is combusted following the procedures in appendix F to 40 CFR 75. [40 CFR 75.10(c)]

564 The owner or operator shall ensure that all continuous emission and opacity monitoring systems are in operation and monitoring unit emissions or opacity at all times that the affected unit combusts any fuel except as provided in 40 CFR 75.11(e) and during periods of calibration, quality assurance, or preventive maintenance, performed pursuant to 40 CFR 75.21 and appendix B of 40 CFR 75, periods of repair, periods of backups of data from the data acquisition and handling system, or recertification performed pursuant to 40 CFR 75.20. The owner or operator shall also ensure, subject to the aforementioned exceptions, that all continuous opacity monitoring systems are in operation and monitoring opacity during the time following combustion when fans are still operating, unless fan operation is not required to be included under any other applicable Federal or State regulation, or permit. The owner or operator shall ensure that the requirements of 40 CFR 75.10(d)(1), (2), and (3), as applicable, are met. [40 CFR 75.10(d)]

565 The owner or operator shall ensure that each continuous emission monitoring system is capable of accurately measuring, recording, and reporting data, and shall not incur an exceedance of the full scale range, except as provided in sections 2.1.1.5, 2.1.2.5, and 2.1.4.3 of appendix A to 40 CFR 75. [40 CFR 75.10(f)]

566 The owner or operator shall record and the designated representative shall report the hourly, daily, quarterly, and annual information collected under the requirements of 40 CFR 75 as specified in subparts F and G of 40 CFR 75. [40 CFR 75.10(g)]

567 To determine SO2 emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a SO2 continuous emission monitoring system and a flow monitoring system with an automated data acquisition and handling system for measuring and recording SO2 concentration (in ppm), volumetric gas flow (in scfh), and SO2 mass emissions (in lb/hr) discharged to the atmosphere, except as provided in 40 CFR 75.11 and 75.16 and subpart E of 40 CFR 75. [40 CFR 75.11(d)(2)]

568 Measure and record SO2 emissions by providing information satisfactory to the Administrator using the applicable procedures specified in appendix D to 40 CFR 75 for estimating hourly SO2 mass emissions. [40 CFR 75.11(d)(2)]

569 Comply with the applicable provisions of Subpart C-Operation and Maintenance Requirements, Subpart D-Missing Data Substitution Procedures, Subpart F-Recordkeeping Requirements, and Subpart G-Reporting Requirements. [40 CFR 75]

GRP032 Lime & Carbon Silos Common Requirements

570 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

571 Particulate matter (10 microns or less) >= 99.5% removal efficiency from filter manufacturer's certification. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

572 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20020006

Permit Number: 2520-00009-V1

Air - Title V Regular Permit Major Mod

GRP032 Lime & Carbon Silos Common Requirements

573 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT. [LAC 33:III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

574 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

575 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33:III.509]
 Phases: Phase II

576 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33:III.509]
 Phases: Phase II

GRP033 Ash Silos Common Requirements

577 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

578 Particulate matter (10 microns or less) >= 99 % removal efficiency from filter manufacturer's certification. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 579 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

580 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

581 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT. [LAC 33:III.509]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

582 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33:III.509]
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20020006
Permit Number: 2520-00009-V1
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GRP033 Ash Silos Common Requirements

583 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT. [LAC 33:III.509]
 Phases: Phase II

GRP034 Ash Loading Common Requirements

584 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall utilize a closed-vent system that is vented back into the appropriate silo in order to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II

GRP035 Storage Pile Common Requirements

586 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 587 Permittee shall apply a dust suppressant to the storage pile in order to control emissions of particulate matter. Determined as BACT. [LAC 33:III.509], Phases: Phase II
 Phases: Phase II